

Incubus

GOETHE

FAUST

her

to



# ZUEIGNUNG

an die, zu verfertigen,

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

11. 12. 13. 14. 15. 16. 17. 18. 19. 20.

21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

31. 32. 33. 34. 35. 36. 37. 38. 39. 40.

41.

42. 43. 44. 45. 46. 47. 48. 49. 50.

51. 52. 53. 54. 55. 56. 57. 58. 59. 60.

61. 62. 63. 64. 65. 66. 67. 68. 69. 70.

^ W 2 / , ver l s n ,

- 2 2 2 2 2 2 2 ;

2 2 2 2 , 2 2 2 2 2

2 2 2 2 - 2 2 2 2 ;

2 2 2 2 , - 2 2 2 2

2 2 2 2 2 2 2 ,

- 2 2 2 2 , 2 2 2 2

2 2 2 2 , - 2 2 2 2

62 n l l m p,

10 n; ~ 11 d o;

f r i e l e p,

w n, D! d E n.

2 d d d f u t v,

1 l e b v l v z y u,

- c o ) o d ~ v r e l s s,

c - 2 d, N i d f s.

- P P P ~ ~ ~ ~ ~  
P P P ~ ~ ~ ~ ~  
- P P ~ ~ ~ ~ ~  
~ ~ ~ ~ ~  
~ ~ ~ ~ ~  
~ ~ ~ ~ ~  
e f r z y, - b ) v e - c ;  
c o , l o f , o , o P c ~ ,  
- c o g e , v j o ~ .

VORSPIEL  
AUF DEM THEATER

entw. unabh. f. Com.

entw.:

1. Ueb., 1. v - Ueb.,

2. v - No., Ueb.,

3. Co. 1. C. 2. f. v.

1. f. Ueb. 2. Ueb.?

1. Co. f. v. Ueb.,

\* c b d - m b.

, e f <sup>2</sup>, l m n,

- t u v ) ~ b.

b o p q r s t u

p o e - v m n p

, c o, o n ~ v b o L o

o d;

e - m v, n p o:

f<sup>2</sup> b ~ e b / p d,

m b 2 f u d p o:

o v h s, e o h - ~



- 2 u<sub>2</sub> D f<sup>1</sup> - ?

e l v<sub>1</sub> m<sub>1</sub> v<sub>2</sub> o<sub>2</sub>,

c) f<sub>1</sub> D i<sub>1</sub> e<sub>1</sub> v<sub>1</sub>,

- 2 f<sub>1</sub> e<sub>1</sub> f<sub>1</sub> o<sub>1</sub>

f<sub>1</sub> v<sub>1</sub> n<sub>1</sub> e<sub>1</sub> f<sub>1</sub> g<sub>1</sub>;

v<sub>1</sub> z<sub>1</sub> n<sub>1</sub> g<sub>1</sub> - f<sub>1</sub>;

2 f<sub>1</sub> o<sub>1</sub> )<sup>1</sup> ~ v<sub>1</sub> o<sub>1</sub> l<sub>1</sub>

- , o<sub>1</sub> z<sub>1</sub> z<sub>1</sub> o<sub>1</sub> )<sup>1</sup> z<sub>1</sub> l<sub>1</sub> ~ v<sub>1</sub> o<sub>1</sub> l<sub>1</sub>;

z<sub>1</sub> ~ v<sub>1</sub> )<sup>1</sup> l<sub>1</sub> z<sub>1</sub> o<sub>1</sub> l<sub>1</sub>.

9 o<sub>1</sub> o<sub>1</sub> l<sub>1</sub> - g<sub>1</sub> - z<sub>1</sub>

v<sub>1</sub> l<sub>1</sub> - ; z<sub>1</sub> l<sub>1</sub> o<sub>1</sub> - 4 - 2 z<sub>1</sub>!

sh:

— p v l s h u w v,

u ~ u r t' 2 b s t.

se v e c r e p r,

e e ~ t f e f.

u, b v p / g u r d e o r,

c ~ 2 d h ~ l e u;

c t - l e f i o z y o o n

2 2 u o e g h - l e n.

D! co = der 45 es fhu,

co), K ghu ped,

von ff - ff fhu

glo oder neu pd.

A, C - der 45 fhu,

glo - neu pd.

coz; l ~ neu fhu,

e R u d - der fhu.

*f* *Com:*

$c_1 \rightarrow 1/5 \sim 2/2 \sim 2/2$

$pf, e_1 \sim 2/2 \sim 2/2$

$c_1 \sim 2/2 \sim 2/2$

$\sim - 6 \theta - 0 \sim 2$

$1, m \sim 1/2 \sim 1/2$

$; e_1, m \sim 1/2 \sim 1/2$

$c_1 \sim 2/2 \sim 2/2$

$\sim 1/2 \sim 1/2$

$\sim 2/2 \sim 2/2$

$2 \sim 1/2 \sim 1/2$

$h^e \rightarrow U-f \rightarrow U^p,$   
b l u b, 2 e n m 2 u,  
u l l, g c, g c, u l f,  
e, u l f c. ! / - ~ ~ ~ 2 u.

~~u l l~~:

\* u b p p u!  
u u l f z, u - a b o z.  
' l o ~ ~ u y f u,  
- e, u f o c h u,  
e s r z' l' z' f u,

$\wedge^e \sim \text{Sp}^2$

$1, 20 \sim \wedge^1 \rightarrow p, 20 \text{ } \mu$ ;

$\sim \text{ter } a, ) \text{ re } b \text{ co } e.$

$c, \text{ so } \wedge^1, \text{ } \wedge^2 \text{ } \kappa \text{ o } \wedge^2$ ;

$-\text{ter } \mu \text{ } \mu \text{ } e^2 \text{ } z.$

$\wedge^1 \sim \mu, - \wedge^1 - \wedge^2$

$\mu$ !

$2 \sim \mu, - 20 \text{ } \mu$ ;

$\mu, - \mu, - \mu \text{ } e \mu.$

$\text{co } \mu, c \wedge \sim \mu \text{ } e \mu?$

$e \text{ } \mu \wedge^1 - \wedge^2 \text{ } \mu.$

sh:

^ b^1, a^2 ~ 2^2000!

o c^2 e^2 h^2 n^2 p^2!

o m^2 n^2 g^2

; m^2, g^2 / v^2.

ent:

~ 2^2000 b^2 p^2:

~ 2^2000, n^2, o^2, e^2,

2^2000 e^2 g^2.

ent, 1^2000 2^2000 p^2,

-  $\sigma \rightarrow 2, \text{car} \uparrow \downarrow!$

concord,

with  $\sigma \uparrow \downarrow \uparrow \downarrow \uparrow \downarrow$ ,

- concord,

with  $\sigma \uparrow \downarrow \uparrow \downarrow$ .

with  $\sigma \uparrow \downarrow \uparrow \downarrow \uparrow \downarrow$ ,

-  $\sigma \rightarrow \text{water} \uparrow \downarrow$ ;

( $\sigma \uparrow \downarrow$ ) -  $\sigma \uparrow \downarrow$

-  $\sigma \rightarrow \eta$ ?

color  $\uparrow \downarrow$  -  $\sigma \uparrow \downarrow$ ?

color  $\sim \sigma \uparrow \downarrow$ ?



601, 2 ~ ~ ~ !

2d<sup>2</sup> b ~ ~ , 2d<sup>2</sup> b ~ ~ .

\, D<sup>2</sup> ~ ~ , 2 ~ ~ ~ ~ ~ ,

\ / ~ ~ ~ ~ ~ ~ ~ ~ .

co ~ ~ ~ ~ ~ ~ ~ ~ ,

1 2 ~ ~ , 1 2 ~ ~ ~ ?

1 2 ~ ~ , ~ ~ ~ ~ ~ ~ ~ ~ ,

— ~ ~ ~ ~ ~ ~ ~ ~

6 ~ ~ , ~ ~ ~ ~ ~ ~ ,

6 ~ ~ ~ ~ ~ ; ~ ~ ~ ~

co ~ ~ ~ ~ ~ ? ~ ~ ~ ~ ~ ?

sh:

na-der ~ hml!

\sh' cez hml,

ezgh, eP ~ hml,

zent ~ hml!

cehd. ~ hml?

cehd. hml?

\ ~ hml, e<sup>2</sup> hml,

-zo ~ hml, d ~ hml?

c, hml<sup>o</sup> le hml,

sh' hml, s, hml,

concordia

concordia

concordia

concordia

concordia

concordia

concordia

concordia

concordia

concordia

concordia

youngest tenor?  
a bit ~ ~~??~~ ~ 12m?  
original, rich low.

of Co:

- Ober, 12m

- 12, 12m

on ~ 12m

12m, 12m, 12m

- D - D' 12m;

- Ober, 12m

Wigd, ~ ~ ~ zy 2,  
- p 2 1/2, p u ~ ~ ~  
b 5 0 - ~ ~ ~  
2 1/2 - ~ ~ ~  
~ ~ ~, 1/2 ~ ~ ~,  
- c p 1/2, e 1/2 ~ ~ ~  
2 1/2 ~ ~ ~,  
f 1/2 - ~ ~ ~,  
- ~ ~ ~,  
~ ~ ~ - ~ ~ ~  
e a d ) ~ ~ ~

— r p - y - l u s ,

e o n t o p t p e

o - r c u ) r u n j u s ,

e u e l 9 , e l l o s p t

— t e r o , c o - R z y u H .

I z b z W , j c u - j R u ,

o m d ~ z u , l e u ) R z i ;

a l l ; 2 . 9 R j v h i ;

— o e r p e n t o .

Dr:

—  $\nu \nu D, f \sim \epsilon,$

$e_{1,2} \sim R^2 \sim \alpha,$

$e_{1,2} \sim E \sim \nu \nu$

$M \sim \nu \mu,$

$e_{1,2} \sim \nu, \nu, \nu,$

$\nu \nu \nu \nu \nu \nu,$

$e_{1,2} \sim \nu \nu \nu \nu,$

$\nu \nu \nu \nu \nu \nu.$

$\nu \nu \nu - \nu \nu \nu:$

$\sim \nu \nu \nu \nu \nu - \nu \nu \nu \nu.$

u, uot L u,  
e u, z y u v,  
o 20 u, u u,  
u v u v u!

u u:

u u u u u u,  
c u u u u u,  
c u u u u u  
u u u u u,  
c u u u u u



Sp.  $\sqrt{h} y$  out,  
c. n. d.  $\sqrt{h} y$  out,  
in  $\sqrt{h} y$  out.  
D. n. d.  $\sqrt{h} y$   
24-24  $\sqrt{h} y$ ,  
D. n. d.  $\sqrt{h} y$   
22. n. d.  $\sqrt{h} y$ ,  
e.  $\sqrt{h} y$ ,  $\sqrt{h} y$ ,  
-  $\sqrt{h} y$  /  $\sqrt{h} y$ .  
e.  $\sqrt{h} y$  /  $\sqrt{h} y$ ,  $\sqrt{h} y$ ,  
-  $\sqrt{h} y$  /  $\sqrt{h} y$ .

ent:

cut<sup>2</sup> m p d o l,  
b p d r e m o z!

z r n w s t d o l,

n k o n f o p u.

c o z l l, f f g y r e r?

z f e r e n g u b o n.

w r s n o l c u m,

— n v o t, C u b.

s u n d, c o r u e r h,

r — g u p u r g e h;

~ 4 v p p e!

co 2 z / p; z v n / p,

- ~ n° z n o,

e z z° z o

v z f → v z g l o,

v - e / h n o

- o m c, c, v o.

^ o, s i z v n

[ v ~ t e r, c o - v;

e z f v ~ p n

Sept 1 - 1990.

Me 20, - ~ 200,

1, für 100, 1, 2, 3;

~ 10, 1, 2, 3, 4, 5,

~ 1 - 1000, 1.

— 1<sup>2</sup> ~ 1000

~ 200 ~ 1000, 1, 2, 3,

— 1000 ~ 1000, 2

1000, 1, 2, 3, 4.

# PROLOG IM HIMMEL

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

11. 12. 13. 14. 15.

16. 17. 18. 19. 20.

21.

22. 23. 24. 25. 26.

27. 28. 29. 30.

31. 32. 33. 34.

35. 36. 37. 38.

1.  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$ ,

2.  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$ ;

3.  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$

4.  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$ .

*№:*

-  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$

1)  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$ ;

-  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$

2)  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$ .

-  $\sqrt{a^2 + b^2} \sim \sqrt{a^2} + \sqrt{b^2}$

rehe'len s,  
-lo-ri'ho  
re'gerd'nel.

re:

-ger'ri'ca  
S'ri'ca, S'ri'ca,  
-ver'ri'ca  
S'ri'ca, S'ri'ca.  
es'ri'ca - S'ri'ca  
re'ri'ca - S'ri'ca.

de l'air, n, m  
coll' air en n.

JE:

~ n n ~ n n n,

e n n p n n,

- e e e e e

~ n n n n.



2/3 Leo:

es es, —, 2, P ~ r E ~ b

- W, (0 20) ~ 5 U R,

- 5 P o d f u m b,

- 6 5 P D S 2 p e.

g, 1 2 2 c t v h,

- c P D' u y r o s d;

2 G o l V P p j h,

A e o l e h y c d.

S o i' - c c o, i j o n,

1 0 2 —, (0), u g u (n).

' ~ 21' d d d f a s r n p,

-: u e o o r a t n.

~ c r w <sup>4</sup> \ n,

/ d e r l ~ z o p o b o p n;

\ m u l l - u e n,

↳ w t o t o r j o.

\ z l v, z u t - z n h,

o - n u n p h,

, m e d - e r e j l

- z r b o r p p h o n;

- r, ↳ j m z<sup>2</sup> b!

2 1er Erkl. d. o. no.

2.:

2 2/3 1/2 1/2

2 2/3 1/2 1/2

2 2/3 1/2 1/2

2 2/3:

2 2/3 1/2 1/2, 1/2, 1/2, 1/2

2.

2 2/3 1/2 1/2

120 → 2, 2, 6 / 6.

2:

2/2 ~ 6?

2/2 6:

~ 2?

2:

2 2!

2/3 Co.

1/2, 1/2, 1/2, 1/2.

1/2, 1/2, 1/2, 1/2.

1/2, 1/2, 1/2, 1/2.

1/2, 1/2, 1/2, 1/2.

1/2, 1/2, 1/2, 1/2.

1/2, 1/2, 1/2, 1/2.

1/2, 1/2, 1/2, 1/2.

1/2, 1/2, 1/2, 1/2.

2x:

$c \setminus v \rightarrow \text{unod}$ ,

$\text{---}^c \text{---} \text{---} \text{---} \text{---} \text{---}$

$c \setminus v \rightarrow \text{unod}$ ,  $c \setminus v \rightarrow \text{unod}$ ,

$c \setminus v \rightarrow \text{unod}$ ,  $c \setminus v \rightarrow \text{unod}$ .

2x:

$c \setminus v \rightarrow \text{unod}$ ,  $c \setminus v \rightarrow \text{unod}$ !

$c \setminus v \rightarrow \text{unod}$ ,

$c \setminus v \rightarrow \text{unod}$ .

2x:

— r, s, re d,

— r, e, l, u,

— N, y, — r, f.

uly lo.

e, e, r, ; e, l, ~, u

o, v, p, r, o, m, u, u.

r, v, t, v, u, l, u, o.

l, r, r, o, v, 1/2, i

v, n, o, y, l, z.

2:

~ 2, - 10 40!

р 2 2 6 5 0 2 1 1,

- 1 1, 1 1 1 1 0,

1 1 1 1 1,

- 1 1 1, 1 1 1 1 1:

~ 2 2 1, 2 0 1 1 1,

· 1 1 1 1 1 1 1.



24. 10.

24!  $\rightarrow$  esw-lr.

v.lr a n / n.

c, / 2 2 f, f,

w / r v k l e u f.

f<sup>o</sup>, k<sup>o</sup>, - 2 f,

o r n, w f z.

24.

esw l r  $\rightarrow$  l g u;

1 2 e o r h ~ p b.

Sen 26, 1, 1, 1, 1,  
• v' z n a c b' / b.  
o z g n w n g' / g h u,  
- d' / u e, p e' / s;  
h u, m n p ~ f e n /,  
- / - o u t - w o s t e g h u.  
o r, i, h u z n o w,  
h / s' / w e' / s' / z g u!  
e' o e, e' s' o u t - d,  
n o / n' / t z e n f e n,  
- c o z z u v e g u s g d,

Ab 2 ever fun!

- 2p, 1p, 1p.

2p 1p. (1p)

1p 1p 0, 1, 2, 3,

- 2p, 2p, 1p.

- 2p 1p 2p 0, 2p,

- 2p 2p 1p 1p.



*DER TRAGÖDIE*

*ERSTER TEIL*



# NACHT

2 2 2 2 2, 2 2 2 2 2  
6, 6 6 6 6 6 6.

6:

2 2, D! 6 6 6,

6 6 - 2 2,

- 6 6 6

6 6 6, 2 2 6 6 6.

6 6 6 6, 6 6 6!

-v - n o o p;

z o v b, z o e n

-p z ~, p z h

x, x - l - n

v z ~ n o z m

-o, e r i o ~!

e - v z e z y h u.

f u, p o e i h,

e, v b, f u - l h i;

v l e n ~ o u ~ j h,

b h v c e ~ z e ~ l e ~



el. v D. L. e. w. o.,

ve v / ~, co v b / o.,

ve v / ~, 1 ~ / co m.,

1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

D. 1, 2, 3, 4, 5, 6,

2, 1 - 2 - 3 - 4;

- 2 - 3 - 4 - 5 - 6!

2, 1, 2, 3, 4, 5,

2, 3, 4, 5, 6, 7 - 8

1, 2, 3, 4, 5, 6;

e, 1, 2, 3, 4, 5, 6

$\int \sin Q, \cos 1 / \cos 0;$

$e_1 \sin, \cos 1 / \cos$

$\sin \sqrt{g} / \sqrt{g},$

$\int \sin \cos \sqrt{g} - \sin,$

$- \int \sqrt{g} \cos \sqrt{g} \sin.$

$\int \sin \sqrt{g} \cos \sqrt{g} \sin,$

$\int \sin \sqrt{g} \cos,$

$\sim \int \sqrt{g} \cos \sqrt{g}$

$\sim \int \sqrt{g} \cos 2 \sqrt{g} / \sqrt{g}:$

$\cos \sqrt{g} - \cos,$

Wohin Legehdu!

Di. Lidswaszi

zerhulzi,

zwaszizt zu,

sozeren an,

Serösten,

zerhpehen!

o! gizzimmi?

Mozzi,

betrost

Крестъ зъмъ!  
Дядъ зъмъ,  
~ ~ ~, гъмъ,  
~ ~ ~, гъмъ  
~ ~ ~, гъмъ;  
зъмъ, зъмъ, гъмъ,  
зъмъ гъмъ,  
— зъмъ гъмъ  
e·e c! e — c!

-Weg, energy  
Junction?  
energy  
energy?  
energy,  
energy,  
energy-  
energy.

Op! s! 2010 c r!

- 9 p w o u,

S ~ fer' in re,

• e - / / m?

unbenigul,

- c ~ u, p k b,

e n, o ~ u l e s,

o p l ~ 2 b j e 2 b.

w o d, e l i n o b ~ z

, 2 ~ n j h e r e n d:

^ z u, ^ 2 b, ~ u v;

х в, с в р з в!

з в е в с - в е в з в  
в в в в.

з в с в в в в в  
с в в в в в в!

з в в в в в в в

з в в в в в в в.

з в в в в в в в,

з в в в в в в в,

energy level,

-2p<sup>2</sup>μ

, all  $\sim \sqrt{2p^2 \mu}$ ?

$\sim \sqrt{2p^2 \mu}$ !

,  $\sim \sqrt{2p^2 \mu}$

,  $\sim \sqrt{2p^2 \mu}$ .

$\sim \sqrt{2p^2 \mu}$ .

" $\sim \sqrt{2p^2 \mu}$ ;

$\sim \sqrt{2p^2 \mu}$ !

,  $\sim \sqrt{2p^2 \mu}$

,  $\sim \sqrt{2p^2 \mu}$ !"



Uyey 2.

o-o) / 2p ad,  
~ 2 h out - 1!

o 2p all 5 - r f n  
- ) 2 d n ~ 2!

2 o n l l e n g n

S 2 p, r e e n,

2 n d e e n ~ 2!

Съществува ли ~ съществува!

Слово, предложение?

Слово, предложение, дума,

~ ~ ~ ~ ~

Слово, предложение

Слово, предложение, дума ~ дума?

Слово, предложение, дума ~ дума  
дума.

o x o n t q f h s v ~ !

e, z b' re, b v ~ s;

z b, z ~ l t z z,

z p, a s ~ n c.

1 b z, v z, c / o n,

' r e o s, ' r e z / h,

z g n v p z p p

- z ° z l l o ~ n z u / j p n.

- c o n t ) x v ~

' z e w t o ~ l n ~

1. a z c !!

- ep! - fu ~ fu

v r e r m - a

~ zu f u a

- b v ~!

1 b<sup>20</sup>, e z d r p, h r v b

see p!

2! c<sup>20</sup> r r r r p b!

1 ~ u b

• r o ~ ) a!

1 b r r r r e r r!

e r b! e r b! - ~ b - r a!

besprechungsprot.

H - u. l.,

z. g. i. l.

z. b.:

u. l. v.?

l. (u. l.)

z. b.!

26:

g v p v m y f n,

~ z d v r p n,

- ~ m

4:

o! , h e p !

26:

e b, m e v j z,

z p j z m, z h j o z;

Puten Monds,  
es v. 1. m. d. w. h.  
b. s. g. p. c. o. s. l.  
c. 1. 4. 1. d. 2. 7. 8  
- h - 2. 1. 2. 4. 5  
g. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.  
c. b. e. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.  
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.  
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.  
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

6:

$^{\circ} 1 \sigma, \text{low}, \text{high}$

$1 \sigma, \text{low}, \text{high}$

26:

$2 \sigma, \text{low}, \text{high}$

$2 \sigma - 1$

$2 \sigma - 2$

$\mu - 1 - \sigma$

$\sim \sigma \sigma$

$\sim \sigma \sigma \sigma$



~ 2pc m,

— 2h, 2b, 2c, 2d, 2e, 2f

— 2g, 2h, 2i, 2j, 2k, 2l.

4:

~ 2g, 2h, 2i, 2j, 2k, 2l,

2m, 2n, 2o, 2p, 2q!

2b:

2g, 2h, 2i, 2j, 2k, 2l,

2m!

for

Q: (of the)

1er?

2er?

1. 1st 2nd!

- 1st 2nd!

1st

— Le! 1 nò m e 2 b m  
— 2 z d r p!  
e q b p  
— 2 z d r p!

am p z h — 2 d f,  
— s 2 x. (f o e) f.

am:

f! 2 ~ 2 e m;  
1 b p ~ 2 d f?

29 and 20, 1, 20, 1, 20,

en 2 y n o r t e f.

10, 10, 20,

~ ~ ~ ~ ~

6:

h, c' l ~ ~ ~ ~ ~;

o e e c y ~ ~ ~ ~ ~.

am:

D! c w — 20 200 p d ;

- d, d m ~ l u n,

n p ~ l u s o, — 1 c 2,

o ° 20 b p s r l y . ✓ ?

q:

c p / b , ^ c a / s n,

c - / e ' o e d

- 2 — r l l m u n

1 2 p e r 2 v p d .

of  $\rightarrow$   $\mu!$   $\nu$ ,  
g,

4  $\sim$   $\nu$   $\int$   $\dot{e}$   $z_0$

-  $\omega$ ,  $\nu$   $\omega$   $\omega$

$\omega$   $\rightarrow$   $\nu$   $\int$   $\dot{e}$   $z_0$ !

$\omega$   $\int$   $\nu$   $\omega$  -  $\omega$ ,

$\omega$   $\int$   $\nu$   $\omega$   $\int$   $\nu$

$\omega$   $\int$   $\nu$   $\omega$   $\int$   $\nu$   $\omega$   $\int$   $\nu$ ,

$\omega$   $\int$   $\nu$   $\omega$   $\int$   $\nu$ .

an:

~ h v o u r;  
1 b, c, 2 v, c p.

q:

o ~ u p!

~ m j u n k!

- h y e - s h o

2 c o n d ) o t h e r!

- 6 / n d ; c o j o n,

p ~ r, c ~ d p h?

h, — v, — w, — x, — y, — z,

z, — a, — b, — c, — d, — e,

f, — g, — h, — i, — j, — k,

l, — m, — n, — o, — p, — q, — r, — s, — t, — u, — v, — w, — x, — y, — z!

Am:

D, — E, — F, — G, — H, — I, — J, — K, — L, — M, — N, — O, — P, — Q, — R, — S, — T, — U, — V, — W, — X, — Y, — Z,

— a, — b, — c, — d, — e, — f, — g, — h, — i, — j, — k, — l, — m, — n, — o, — p, — q, — r, — s, — t, — u, — v, — w, — x, — y, — z.

v', — w, — x, — y, — z, — a, — b, — c, — d, — e, — f, — g, — h, — i, — j, — k, — l, — m, — n, — o, — p, — q, — r, — s, — t, — u, — v, — w, — x, — y, — z,

o, — p, — q, — r, — s, — t, — u, — v, — w, — x, — y, — z, — a, — b, — c, — d, — e, — f, — g, — h, — i, — j, — k, — l, — m, — n, — o, — p, — q, — r, — s, — t, — u, — v, — w, — x, — y, — z.

o, — p, — q, — r, — s, — t, — u, — v, — w, — x, — y, — z, — a, — b, — c, — d, — e, — f, — g, — h, — i, — j, — k, — l, — m, — n, — o, — p, — q, — r, — s, — t, — u, — v, — w, — x, — y, — z,



$p, 2n \sim \text{Leng!}$

$- p, 2n \sim 2n \text{ or } \sqrt{2}$ ,

$20 \sim \text{ML} \text{ ghr.}$

6:

$e \text{ Lm}; e \sim 2 \text{ Lm},$

$e \sim \text{Lm} \sim \text{ab} \text{ or } \text{gh?}$

$\text{gh} \text{ or } \text{gh},$

$e \text{ or } \text{gh} \text{ or } \text{gh}.$

am:

$f! \sim 20 \mu,$

$\int_2 \sim 26 \cdot f \int \mu_i;$

$\int \mu, \sigma \sim \tau \sim \sigma \sim \mu \rho,$

$- \sigma \sigma \mu \rho - \mu \sigma \rho.$

6:

$\sim h, \sim \mu \rho!$

$\sim \mu, \rho \sim \mu \rho$

$\sim \tau \sim \mu \rho \mu \rho.$

$\sigma \rho \sim 26 \cdot f \sim 26,$

e. R. C. 2000 2000,

2<sup>2</sup>, f. 2000.

est. 2000 2000!

2000 2000 2000.

2000 - 2000

- 2000 - 2000 - 2000

2000 2000 2000,

2000 2000 2000!



1. U. S. L. - h. i. n. l.,  
1. v. o. n. l. l.

Am:

1. r. m. - m. h. d.,  
2. - p. l. 2. v. p. y. l. l.  
d. r. m., o. n. t. t. n.,  
v. v. - i. h.  
2. h. i. v. p. j. e. n. l. o.;  
p. c. o. 1. t., d. v. l. 1. e. o. o.  
n.

4: (—)

o → 2 n l e z h y g e i,  
- m l z e r f z n d,  
2 n n x e n D y n l d,  
- l s ; c \ m o m l e a !

e h — 2 u g g r z,  
c z b b v p m, s u n ?  
e D ! l n e e r i e,  
2 n d l e n r o m.  
e s t b v s \ g h o,

1, v, 6 zffm —

D, 1, 2, 3, 4 — v, 6, 0,

e, v, 6, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 0.

1, 2, 3, 4, 5, 6, 7, 8, 9, 0

1, 2, 3, 4, 5, 6, 7, 8, 9, 0

1, 2, 3, 4, 5, 6, 7, 8, 9, 0

1, 2, 3, 4, 5, 6, 7, 8, 9, 0

1, 2, 3, 4, 5, 6, 7, 8, 9, 0

1, 2, 3, 4, 5, 6, 7, 8, 9, 0

1, 2, 3, 4, 5, 6, 7, 8, 9, 0

1234567890  
new world.

1234567890;  
1234567890;  
— 1234567890.

1234567890  
1234567890;  
1234567890;  
1234567890.  
1234567890;



0, p h l r e ?

D i m b, - y o i e,

b m i o n.

2 z b, c o D' z b g n,

e n k e - k e g l ) ~;

c r z q d, p n,

e z b e i ö h - c.

i t e n n, z o p

y n z z p p p.

clab) o d 2 n r l  
- 2 h y o j o n e  
- i n n u r t p n  
c n s r n j f e z  
i o n b z j n h z y n  
e d o n t o p r z y n  
c n d b) - f u l l - v i  
b e d) f a z n z w o n j  
b n o z o - z l, o c r - r e  
f u n  
o l z n, c o, e d - n;

$e, u \sim r, co | W,$

$- co e \sim u, e r b e f a u$

$\sim r m r, ! j k - p;$

$^2 a n r, \sim f u d,$

$\sim, o \sim) R f u \sim v e d,$

$^o o e k \sim M - d d.$

$\cdot - / f u, co r z z o e$

$e z e / l h u z u r!$

$\backslash L e, \sim u e l h u r e$

292nd Per?

20, Per, cov l?

0, 1, 2, 40 Per, 0,

es, 2, 2, 2, 2,

es - es - 2, 2, 2, 2, 2

co hab, v, 2, 2, 2, 2?

see 2, 2, 2, 2, 2, 2

~ 2, 2, 2 - 2, 2, 2,

2, 2, 2, 2, 2, 2.

1, 2, 2, 2, 2, 2,

2, 2 - 2, 2, 2 - 2:

1)  $g \in \mathbb{R}^n, \Gamma \in \mathbb{R}^n$ ;

$f \rightarrow \mathbb{R}^n, \partial \mathbb{R}^n, \mathbb{R}^n$ .

$\rho \in \mathbb{R}^n$

b)  $\mathbb{R}^n, \mathbb{R}^n$

-  $\mathbb{R}^n, \mathbb{R}^n$ ,

$\mathbb{R}^n, \mathbb{R}^n - \mathbb{R}^n$

$\mathbb{R}^n, \mathbb{R}^n$

$\mathbb{R}^n, \mathbb{R}^n$

$\mathbb{R}^n, \mathbb{R}^n$

$\mathbb{R}^n, \mathbb{R}^n$

$\mathbb{R}^n, \mathbb{R}^n$

o2<sup>2</sup> cm ub' x / jz!

coy wll e r l n 2,

wl, r - j l o f.

co n l n d ; - z u b,

→ co' n u r g l, e n n t.

d c n d l' ) r u w s l g u ?

l o l g h e l ~ r ~ v n t ?

c n' v s ~ r o t 2 u,

s c r ~ l n c e t r e r y

r n t ?

1. 10 p, e - p b,

1. 12 p, a - k!

2. 0 i, i - g - d.

3. u h - z - g r o t t,

4. g - e - l - e - l - e - n - t,

5. o - e - r - b - e - z!

1. 0 2 p, - i - z - y - p e t,

1. 10 p, e - f - u - p e t,

2. 0 b - l - i - f - r - u - n - d - d.

10 2 2 2 2<sup>c</sup>, 2 0 p,

1. p - l - y - s - y - j - z - u - l - o,

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.



unter dem  
2. f, p, u, u, o,  
e, r, o, e, l, r, w, s, s, e, l,  
u, l, e, r, u, e, z, e, l, u, u,  
z, i, l, e, b, j, i, n, e, l, e, d,  
D, l, e, r, o, n, z, y, f, u,  
z, o, n, e, u, e, i, n, z, e, l, e,  
z, u, z, i, l, e, j, u, z, o,  
- c, - l, e, r, u, o, i, e, z, j, e, o.

~ ~ ~ ~ ~, ~ ~ ~ ~ ~!

~ ~ ~ ~ ~

~ ~ ~ ~ ~!

~ ~ ~ ~ ~, ~ ~ ~ ~ ~,

~ ~ ~ ~ ~,

~ ~ ~ ~ ~.

~ ~ ~ ~ ~,

~ ~ ~ ~ ~,

~ ~ ~ ~ ~,

~ ~ ~ ~ ~.

~ ~ ~ ~ ~,

$\sim_1 c \sim d \sim e \sim f \sim g$ .

$\sim_1 h \sim i, \sim_1 j \sim k \sim l$ ;

$\sim_1 m \sim n, \sim_1 o \sim p$ .

$\sim_1 q \sim r, \sim_1 s \sim t$ ;

$\sim_1 u \sim v, \sim_1 w \sim x$ ;

$\sim_1 y \sim z, \sim_1 \alpha \sim \beta$ !

$\sim_1 \gamma \sim \delta \sim \epsilon$ .

$\sim_1 \zeta \sim \eta \sim \theta$ .

2. n:

no. gen!

Le<sup>2</sup> gen,

~ , ltr,

z gen, ltr

v. gen.

6:

cl. ltr, cl. ltr

g<sup>2</sup> p. ltr ltr?

~ ltr ltr

o b b b l u g e ?

^ 2 v, o n r g ~ L o p r,

' d, r k o n l, s r o b h u r,

p o r ~ s u e ?

2 i c u:

2 g r u

w r r p t,

r o L u

w r 2 p t;

p h - v e r

~. per 1,

D! - 1, per

~b/22.

2~n:

~b. per!

o' - ve,

\, ve,

2. a - ve

~b. per.

4:

cos  $\alpha$ ,  $\sin \alpha$  -  $\rho$ ,

$\alpha$   $\sin \alpha$ ,  $\sin \alpha$ ?

$\sin \alpha$ ,  $\cos \alpha$   $\sin^2$ .

$\sin \alpha$ ,  $\sin \alpha$   $\sin$ ;

$\sin \alpha$   $\sin \alpha$ .

$\sin \alpha$   $\sin \alpha$ ,

$\sin \alpha$   $\sin \alpha$ ;

$\sin \alpha$   $\sin \alpha$ ,

$\sin \alpha$   $\sin \alpha$ .

$\sin \alpha$   $\sin \alpha$

с р а н д о у г ;

е н н — у г ° 2 н н о

б а ,

— н п а б д н о ;

— п л а з о о н

н р , п а е — о з н ,

— л а с о л н

б , в — д г з .

г , д н л к з п ,

л л л л о з ;

н з з р н , з н а б ,



Sch, mod Px.

— LVL, r o r o r!

— LVL, r o r o r!

2. M:

o' M

g) D M,

we M,

o. S M;

· \ z M

gber Le s:

D! ~ re 4

z r j e e.

p, i o ~

g l e r x p i

D! r u ~,

v b, e r!

2 i ~:

v b. y e r,

e' k o z z o.

o' s u e r

Let's do!

W ~ L or,

M ~ U or,

U ~ F or,

L ~ V or,

C ~ S or

N ~ R or,

N ~ E!

# VOR DEM TOR

gymnastik 20.

~> wandel:

erlebe 20?

l:

1 20 20 20 20.

1.6:

$1.6 \rightarrow D' \text{ von}$

$\sim$  ~~reduzieren~~:

$1.1 \rightarrow D^2 \text{ über } \mathbb{Z}/2\mathbb{Z}$

1.7:

$\sim$   $\mathbb{Z}/2\mathbb{Z}$

1 f:

co 4 e y?

~ m:

1 2 2 ~ h.

W:

Du ne l ~ / x, p o e  
l o e /

1 2 2 r e h - e l o u,  
- x e / \ / o o / .

all:

$e \cdot \frac{1}{2} p$ ,

$\frac{1}{2} p \cdot e$ .

$\frac{1}{2} p, \frac{1}{2} p - \frac{1}{2} p$ .

end:

$\frac{1}{2} p, \frac{1}{2} p - \frac{1}{2} p$ .

l:

$\frac{1}{2} p \cdot \frac{1}{2} p$ .

♫:

e·l·v·m·z·o·v;

l·e·o·v·m,

z·o·v·s<sup>2</sup>·l·e·v.

o·v·e·l·e·v!

♫:

z·i·b·l·e·v,

l·e·v·s<sup>2</sup>·v·m.



zu:

U, O, U, U, U, U, U!

U, U, U, U, U, U, U.

U, U, U, U, U, U, U,

U, U, U, U, U, U, U.

U, U, U:

U, U, U, U, U, U!

U, U, U, U:

U, U, U, U, U, U,

U, U, U, U, U!

$f \cdot g: (y, z)$

$1 - \text{Berechnung}$

$b^2 \text{ und } y^2$

$z^2 \text{ und } a$

$1 - v^2 \text{ und } \sigma$

$b \text{ und } g$

$- \text{ und } \sigma$

$\delta:$

$z \text{ und } 1 - v / \text{ und } g$

$\text{Berechnung}$

1.2c, 1.2b, 1.2a, 1.2d  
1.2e, 1.2f, 1.2g, 1.2h.

1.2h:

1.2h, 1.2i, 1.2j, 1.2k!

1.2l, 1.2m, 1.2n.

- 1.2o, 1.2p, 1.2q?

1.2r, 1.2s?

1.2t, 1.2u, 1.2v,

- 1.2w, 1.2x.

USA: (6/2)

^ 2 2 2, ^ 2 2 2,

— c y — u u,

u — 2, v p p,

— o — v e v ~ !

b o v / m o ~ !

— \ . l, \ m n.

~ n, ~ e u p l u,

\ l p ~ n.

i' m:

i u° c o, v ~ o ~ - l u m

o ~ p s v - v f,

c a, c, z' m,

, l o n s t p n.

u g a b d, h o ~ z o h o

- o ~ b o z a, u g l z;

e n t u v e l s d z,

- o n l e - l e g.

em um:

2. Du, 4! — o b o p p i:

622), ~ l p f,

u o h t k i;

o — j z u i u s.

✓: (j ~ u r e h)

! o p f! e z ~ h u!

a°) / z ~ u h i? ~

— / — f p! — j z!

- corod, eob, e, jgh.

unred:

m, l, r, v, z, R,

z, z, l, j, m;

b, p, v, z, o, r, i, o, n, l

~ r, l, r, s, o, z, m

i:

v, j, t, b, r, r, v, f;

o, l, r, z, m, m, m;

10 P, 10 r 4,  
- v - / um.

o.k.:

u m l z z

z m - p,

z h l f p

z v o

z, p!

z. e p,

z. i!



-, l<sub>2</sub>

o r c h r,

o j' l e,

- j l t r.

e ~ g r h!

e ~ n r!

r h - u - n

r o ) n r.

n · e r p,

n · i · n!

- , o l t h

per et.

6-om.

6:

Sod 2 fr-12

100 2. 10, 1000 10;

100 2. 100;

100, 20 10,

10) 2 10 10.

10 100, 100, →

→ RR zu RR so  
z f h s, h e l s;  
n, o ~ e, i ~ n ~ c °,  
s. d) v e s - f u,  
e - o ~ b ~ l ~ u ~ l ~ u;  
D ~ u ~ l ~ l ~ R ~ u  
b ~ d ~ f ~ y ~ u ~ g ~ e ~ l.  
n ~ e ~ l ~ u, s ~ u ~ z ~ z  
D ~ g ~ e ~ l ~ p ~ o ~ z.  
e ~ z ~ z ~ u ~ b ~ l ~ u  
e ~ l ~ u ~ l ~ p ~ o ~ z.

Let  $\sigma \in S_n$  be a permutation.

Let  $\sigma = \sigma_1 \sigma_2 \dots \sigma_k$  be a decomposition into disjoint cycles.

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

Let  $\sigma_i = (i_1 \ i_2 \ \dots \ i_r)$  be a cycle of length  $r$ .

0' 60, 21 - 2

— 21 21 21 21,

— 6 6 6 6

21 21 21 21

65° 21 21 21

21 21 21 21

12 21 21 21,

21 21 21 21,

21 21 21 21:

21 21 21 21!

an:

2 /, 2 e, 1 p

in - p;

2<sup>x</sup>, 1 e, 2 e,

e, 1 e, 1 e, 2 e.

e, 1 e, 2 e,

• v - 2 e,

6 e, 1 e, 2 e,

- m - e. m - p.

unl-re.

ly-pr.

zhu (y) / ly,

zhu hu, ve - ny,

zhu - ny hu.

zhu, re hu - hu,

- hu ly zhu hu.

hu! hu!

hu o! zhu o! zhu!

- hu hu hu.

、 $\sqrt{26}$ ) $2$ ,

$e_1 f^0$ 、 $\sim \sim \sim \sim$

$2 \circ 2$   $\sim \sim$ ;

、 $f$   $e$   $n$   $l$ 、) $2$

- $\sigma$ :  $\sim$ ,  $e$   $l$   $e$ ,  $e$ !

$h$ !  $h$ !

$h$   $o$ !  $2$   $o$ !  $2$ !

$e$  /  $\sim$   $h$ !



o a l z z n o r o ;

b h f v b, b h f n o ;

- e v l n.

b s v 1, b s c n

- v n e n z n,

b! b!

b o! z o! z!

- d v e n.

-4v0/—M!

02h2/04

un-1n!

、z 2'60v0,

-f-rez-c:

h!h!

h0!20!2!

f-1n.

↓ 4:

2 e, e' z ~ S S,

e r r z z / g,

- l q o L o p p,

o ~ - z p, n.

- ~ n D ~ z p ~ n,

~ r z p L p,

~ l r ~ j - o p,

e, l ~ ~ e b S p:

~ p L l, ~ n,

~ ~ n p.

4:

1 ~ 2 ~ 3 ~ 4

5 ~ 6 ~ 7 ~ 8 ~ 9 ~ 10

e L n a d ) R n o p .

5:

1 ~ 2 ~ 3 ~ 4 ~ 5

6 ~ 7 ~ 8 ~ 9 ~ 10

11 ~ 12 ~ 13 ~ 14

15 ~ 16 ~ 17 ~ 18 !!

2222 110012

~ 2222 222

2222 2222 2222,

0 1 0 2 2 2 2.

0000 1, ~ 2222,

1 2 2 2 2 2 2 2 2 2,

2222 2222 2222,

1 2 2 2 2 2 2 2,

2222 2222 2222;

2222 2222 2222 2222.

✓:

pej<sup>2</sup> u<sup>2</sup> u,  
e. 2. 2. 2. 2.!

6:

~ 2. 2. 2. 2. 2.,  
2. 2. 2. 2. 2.

~ 2. 2. 2. 2. 2.

am:

ad ~ b r b e, — 2 o u,

v' y r u z!

— m; a s o m

g ~ u p n!

' s n f t p o r m u,

~ t e h - e n - d,

, b e f t, u p c d.

e r b, z v z p z b,

, r p l m z, z s;

- c p l, — u p j, m,

o n e l u v .

6:

→ w p k 2 a s j l r g ,

x → r i x o e j b .

x o o , l p u m e n

- e t p u m - i b .

~ 2 h y ✓ , p u l b ,

i l u , o g , x e m

e l , e r e l u b

S e m ° 2 a o j y m .



1.  $v \cdot \frac{d}{dt} \ln v = 0$

2.  $\frac{d}{dt} \ln v = 0$

3.  $\frac{d}{dt} \ln v = 0$

4.  $\frac{d}{dt} \ln v = 0$

5.  $\frac{d}{dt} \ln v = 0$

6.  $\frac{d}{dt} \ln v = 0$

7.  $\frac{d}{dt} \ln v = 0$

8.  $\frac{d}{dt} \ln v = 0$

9.  $\frac{d}{dt} \ln v = 0$

10.  $\frac{d}{dt} \ln v = 0$

11.  $\frac{d}{dt} \ln v = 0$

e 82 go.

es ce ~ ~ ~ ~ ~

lu,

R. 2. 2. 2. 2.

- 2. 2. 2. 2.

o 2. 2. 2. 2.

g 2. 2. 2. 2.

1. 2. 2. 2.

2. 2. 2. 2.

- 2. 2. 2. 2.

— 2. 2. 2. 2.

29 ~ 4m, 9 ~ 4m

✓ 2m 0, 6 p d.

126 ~ 2m 40e mi:

6 cont 2, 120 m,

er, 2m 2e d.

mi:

0 ~ 1 ~ 2e m!

4/ ~ 2m 2p,

1 ~ 2, 12m 2h,

pp - cont of m?

сгънута, сгънута,

— гънута, гънута;

сгънута, сгънута,

— гънута, гънута.

6:

— гънута, гънута,

сгънута, сгънута!

сгънута, сгънута,

— сгънута, сгънута!

сгънута, сгънута

p2 16 / ~ ~ !

M, 0, 2, 100 ~ ~ ~

1, 10, 100 ~ ~ ~

6, 10 - 1, 10, 10,

10, 10 - 10, 10, 10.

10, 10, 10, 10, 10

10, 10 - 10, 10, 10!

10, 10, 10, 10, 10

10, 10, 10, 10,

10, 10, 10, 10, 10,

10, 10, 10, 10, 10.

127 e ~ 2 w s h l

' d w l e o f h i

g h e r ) 2 c o t u

~ y f n s.

o z l , 2 v r e o y o ;

e ~ n s k d ,

1 - l , r o s o l y h u ,

~ v ~ n - 2 f v , d ,

~ r o s v - l v , c u r .

~ z u h o i o b x l .

D ! j o 2 l b e n t \_ l

manuscript per.

1. - for you

copy - with,

copy, please,

agreement;

copy this

in the year,

- & the, & on

in the year.

am:

146 11 1/2 1/2 1/2

22 1/2 1/2 1/2 1/2

20 1/2 1/2 1/2 1/2

20 1/2 1/2 1/2 1/2

20 1/2 1/2 1/2 1/2

20 1/2 1/2 1/2 1/2

20 1/2 1/2 1/2 1/2

20 1/2 1/2 1/2 1/2

20 1/2 1/2 1/2 1/2

20 1/2 1/2 1/2 1/2



4:

es über  $\rightarrow$   $\circ \sim$   $\text{No} \cup \text{ob}$ ,

$\rightarrow$   $\text{m} \sim$   $\text{h} \text{m}$ !

f o r c u r, D!  $\sim \sim$   $\cup$ ,

1  $\rightarrow$   $\sim$   $\text{S} \text{h} \text{h}$ ;

1  $\rightarrow$   $\text{z}$ ,  $\text{z} \text{e} \text{h} \text{h}$   $\text{ob}$ ,

$\text{J} \sim$   $\text{d} \text{z} \text{w} \text{e} \text{r} \text{e} \text{m}$ ;

1  $\text{e} \text{z} \text{p} \text{p} \text{e} \text{f}$

$\text{J} \sim$   $\text{b} \text{e} \text{z} \text{z} \text{e} \text{m}$ .

$\rightarrow$   $\text{w}$ ,  $\text{z} \text{b} \text{z} \text{b}$ ,

1  $\text{w} \text{e} \text{z} \text{z} \text{e} \text{m}$

- f r o <sup>2</sup> z l e l l  
- b r o j ~ r, w r u!  
h, c v ~ j u d z,  
- n, v, h e r e!  
v d, r i n t o p e r,  
l e r ~ r u b l o.

an:

u l, c a n t z,  
, f r e) r e d r o s t,  
<sup>2</sup> z r u s e l l h,

Sen 2, 4.

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

Sen 2, 4, 2, 4

6 für C S R) p d,

- für R d, C b R.

0 r r! S y, d,

1 d r, r l!

a r e y / r b e z. m

c o f b e y — — w b y / z o?

c o r e p z' e r y — — S h?

6:

b e ~ z y z e p o r — S f h?

an:

10 ~ 2, / 0 2 ~ v.

Q:

M ~ N! l c o 2 / e r?

an:

l ~ c, s o c o

2 s ~ 2 ~ c d.

Q:

unbe,  $\sigma_2$  

$\sim 250 - \mu \sim 2H?$

$- \Gamma_1, - \rho \sim l_{sf}$

$\sim l_{2k}$

an:

$10290 \sim 2\mu l_i$

$\sim \mu \sim 2\mu l_i$

Q:

vzj, e, m, o, z  
j, m, v, z, o, j.

Q:

v, o, r, o, - b, a, r, o, j,  
c, j, o, z, j, p, o, t.

Q:

v, o, r, o, j, o, s!

am:

es b! ~ 20, ~ 20. es.

~ 20 - 20, 20) ~ 20,

~ 20. 20 20.

6:

es 20, 20! ~ 20!

am:

~ 20 20.

es 20 20, ~ 20;



$e_1 \sim \sigma_1, \dots, \sigma_n \sim e_1$ ;

$\sim \sigma_1, \dots, \sigma_n$ ;

$\sim \sigma_1 \sigma_2 \dots \sigma_n$ .

$e_2$ :

$e_2 \sim \sigma_1, \dots, \sigma_n$ ;

$\sim \sigma_1, \dots, \sigma_n$ .

$e_3$ :

$e_3 \sim \sigma_1, \dots, \sigma_n$ ;

$\sim \sigma_1 \sigma_2 \dots \sigma_n$ .

h, e 2d er, 2y - 2,

1, fer the over.

6 22 2 e fer.

# STUDIENZIMMER

4 2 2 6 2 we.

4:

0 2, 6 - 2,

1 - 2 2 2,

2 2 2, 2 2 2

2 2, 2 2 2.

2 2 2 2 2

2 2 2 2 2

-  $\mu$ ),  $2\mu$ ,  
 $1, 2, 3, \dots$

$\frac{1}{2} - \epsilon$   
 $\sim \frac{1}{2} \cos \theta$

$\sim \frac{1}{2} \sin \theta$

$\sim \frac{1}{2} \cos \theta$

$\sim \frac{1}{2} \sin \theta$

$\sim \frac{1}{2} \cos \theta$

$\sim \frac{1}{2} \sin \theta$

$\sim \frac{1}{2} \cos \theta$

Dezember

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

$m, C, j \sim 2^m L$ ,

$1/2 \sim 2^m \sigma$ ,

$\rightarrow \sigma / C$ .

$r^2 \sim 1, e, 2^m \sigma$ ,

$C \sigma / \sigma$ ,

$e \sim 2^m - \sigma$ ,

$e \sim \sigma; \sigma$

$\rightarrow \sigma, \sigma, \sigma$ ?

u. D. g. b., u. <sup>2</sup> u. b. - u.,

u. b. / u. o. <sup>2</sup> u. b. u.

u. u. o. f. r. - u. b. u.,

- r. e. r. e. - b. u. u.?

u. o. u. f. u.

u. u. u. b. ) u. u.,

u. u. e. x. t. u. u.,

u. o. u. t. u. u. u.,

u. u. o. u. u. - u. u. u. u.

o. u. <sup>2</sup> u. u. u. u.

u. u. u., ~ u. u. u. u. u.,

2verβ~r

e2~r~r

22~r~r~r,

~r~r~r~r~r~r~r

ff~g: »r~r~r~r~r!«

2f~r~r~r~r~r~r~r

1r~r~r~r~r~r~r,

120 - 850r,

c1~r~r~r~r~r~r~r.



ffu g: Rbra'6.

uuc, 16 f,

ee le) / 4!

· - '6, - eocnt - 2ll?

- f: Rbra, 1ll!

e, Dn, 90 f,

zent Pco, e, a / u.

v 2ll - 2b! s ~ r o s, 1 1

- f f b: Rbra, 11!

° 2 e p u l e r ,

6, — o e 2 u ,

— o e l e n !

9 ~ f u l e p u r

u 1 / 2 ~ s u l e .

~ s u l e

u 1 / 2 ~ s u l e .

p u r u 1 e 2 u l s ,

u 1 / 2 ~ s u l e .

u 1 / 2 ~ s u l e !

~ s u l e ?

• - ж? б о м? /  
о' з л е н - л!  
• ж) з р,  
е' / о з о ж!  
о ~ ж л л, н о з!  
ж' - о ~ н л о,  
з л н н, ж н р.  
- ! е, б н р!  
л з з з н  
• о з о ж з.

26: (s<sup>2</sup>n)

enfin!

U<sub>20</sub>, L<sub>1</sub>R<sub>1</sub>n!

OR s - Q<sub>0</sub>

H ~ J 2 en Q<sub>0</sub>.

n w R!

zu 2, zu E,

s - r,

- \ 2) - q<sub>0</sub>.

L<sub>1</sub>R<sub>1</sub>n!

b ~ l q<sub>0</sub>!

$e \setminus \text{N} \text{ } e$

$g \text{ } f \text{ } / \text{ } h \text{ } e$

Q:

$h \text{ } / \text{ } u \text{ } m \text{ } ^2 \text{ } v$ ,

$W \text{ } \sim \text{ } g \text{ } \setminus \text{ } h$ :

$o \text{ } v \text{ } \circ \text{ } p$ ,

$\sim \text{ } e \text{ } ) \text{ } v$ ,

$o \text{ } s \text{ } g$ ,

$\sim \text{ } e \text{ } ) \text{ } v$ .

ab/m

1. m,

m

- m,

mm

8, 2.

pe, m,

me!

ye, 6, 9,

re!

$\lambda_2 \mu_2 \mu_2 \mu_2$ ,

osl!

$\mu_2 \mu_2 \mu_2$ ,

$\mu_2! \mu_2!$

$\mu_2 - \mu_2 \sim \mu_2!$

$\mu_2 \mu_2$

$\mu_2^2 \mu_2$ .

$\mu_2 \mu_2 \mu_2 - \mu_2 \mu_2 \mu_2$ ;

$\mu_2 \mu_2 \mu_2 / \mu_2 \mu_2$ .

$\mu_2 \mu_2 \mu_2$

fun fun.

be, p

~ 0 0 ~ 2 ~ ?

— 0 9 / 2

2 6 ) ~

1 2 2 2 !

2 2 - 5 2 ~ 2 ~

~ 0 0 !

~ 0 ~ 0 !



~ ~ of 0 ~ ~

of 2 ~ ~

p ~ r p 0 ~ ~

W of 2 ~ ~?

2 ~ h p d,

g - o ~ h d

~ r p r b - ~

- j ~ h 0 ~

f r / e r 2 ~

r p j ~ r b 0 ~!

egb, e1/moes.

1 no p22ms!

wt/

ee rpe fl!

wt/

1 gub 52 ~ wt!

uf loff, n' uel, p e10

~ lwa z go, 2<sup>2</sup> h2.

als Leo:

cy' m? co g<sup>2</sup> z m j e d?

6:

e o a<sup>o</sup> Leo m!

~ l v e o g? ' n o o v v d.

als Leo:

1 o m ~ p t z m!

1 v v c e g p v d.

4:

and e p?

2/3 lo:

1, h z / v m

l, i, e c / - o M,

, c / d n / s e z,

→ i, c o d M.

4:

✓  $\rightarrow$ ,  $\wedge$ ,  $\exists$ ,  $\neg$ ,  $\rightarrow$ ,  $\leftrightarrow$

$\rightarrow$ ,  $\rightarrow^2$ ,  $\rightarrow$ ,  $\rightarrow$

$\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$

$\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$   
 $\rightarrow$ .

$\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$ ?

4. 6.

$\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$ ,  $\rightarrow$

$\rightarrow$ ,  $\rightarrow$  -  $\rightarrow$ ,  $\rightarrow$ .

4:

co. 292  $\sqrt{p}$ ?

2/3 lo.

1. 0. 2. 6, 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

- e 2 3; e 4 5, 6 7 8,

• c 1, e - 2 3 4;

e 1 0 c 1; e 1 2 3.

— e 4 5, 6 7 8,

8 9, 10 11, 12 13,

14 15.

4:

es und es ~ V, - geb 2y ~

2?

2/3 lo.

2/3 lo. 1/2 1/2

c) 2/3, 1/2 ~ 2/3

2/3 ~ 2/3 2/3

1/2 ~ 1/2 1/2, 1/2 1/2

~ 1/2 1/2, 1/2 1/2

es 2/3, 1/2 ~ 2/3

~ 5 ~, ~ 2 ~ f ~ 2,

- 2, 2, 2, 2, 2, 2,

2 ~ 2 ~ 2 ~ 2.

2 ~ 2 ~ 2 ~ 2 ~

2,

~ 2 ~ 2 ~ 2 ~ 2;

—, 2, 2, 2, 2,

- 2 ~ 2 ~ 2 ~ 2.



4:

~ ~ ~ ~ ~

~ ~ ~ ~ ~

~ ~ ~ ~ ~

4. Co.

~ ~ ~ ~ ~

~ ~ ~ ~ ~

~ ~ ~ ~ ~

~ ~ ~ ~ ~

~ ~ ~ ~ ~

2 cur, ghu, ghu, be m

psu w r r r - r!

-2 est f, v = - r g h,

2. ~ r i p i:

o f o, g u h!

- r g u d ~ ~ s o, h o u.

- u - l, r r r r o e u!

\ h, ^ o o ^ r e

x r e h e r r),

r l u, l u, c u, r u!

r, v /, l r u s,

1. 1929.10.10.

4:

— 1929.10.10.

— 1929.10.10.

— 1929.10.10.

— 1929.10.10.

— 1929.10.10.

— 1929.10.10.

2/3 Leo:

1 — on 5 16,

1 26 2 2 2 2!

2 1, 2, 2, 2 2 2 2?

4:

1 2 1, 2 2 2 2.

1 2 2 2 2 2 2 2

2 2 2 2, 2 2 2 2.

2 2 2 2, 2 2 2,

2 2 2 2 2 2 2.

2/3 lo:

sp Po → ! e, 2 off,  
M v ~ ~ ~ ~ ~  
' e lo s ~ ~ ~ ~ ~

4:

e C M s v e C ?  
/ a v, e o ~ ~ ~  
c e p w, a n d e e 2 ?  
o o e ~ ~ ~ ~ ~

2/3 h.

41 - 10! - 1/2 p m:

- om; 100/1,

; 0 9 6, ~ 10 h.

4:

e 2 1/2 p h!

- 2 p m e e?

e 1/2 p m!

ulso:

\text{Cent } 1, 0, 2 \text{ ph}

, 0 0 1/2 0:

\text{L} \sim 10^2 2.

U:

0 0 0 1 0 0?

ulso:

' 0 ~ 1/2 \text{L} - 1/2:

c 0 2 1/2, 0 0 0 2.

$e \in \mathcal{G} \cap \mathcal{L}, \mathcal{L} \sim \mathcal{L}^2, \mathcal{L} \cap \mathcal{L}^2.$

Q:

$1, 2, \dots, 6 \sim \mathcal{L}?$

$e \in \mathcal{L}, 1, 2, \dots, 6 \in \mathcal{L} \sim \mathcal{L},$

$- \mathcal{L} \subset \mathcal{L}, 1, 2, \dots, 6 \in \mathcal{L}, \mathcal{L}^2?$

Ans:

$\text{con } \mathcal{L}, e \in \mathcal{L} \sim \mathcal{L},$

$e \in \mathcal{L} \cap \mathcal{L}^2.$

$\partial e \in \mathcal{L} \sim \mathcal{L}^2,$



-1 y 2 e r b

o f u, s - s b,

l 9 0 2 v j o.

6:

— u o n ~ n u,

2 v s 2 v j o.

u f l o:

f o v o! ~ n u x;

e v e y ~ n u h.

4:

12 e / ~ f, /

be, e b n m m.

~ l. 2, a ~ 2!

~ / ~ e j f ~ e b.

als lo.

c e u, — u, D u,

e / p / x / u;

e u u, e, f

p z n t p j u.

4:

10 - m, egerl;

→ eindf!

2/3 lo.

g', 2 l e l e o n

2 9 f e 2 p u

o 2 h o w.

c o e, j w 2 o o m,

1 2 u v e, 1 6 l m,

2 / ~ n o j u f.

Den D' ) yu,  
e'ger nuf,  
-e yd ) e b.  
w 3 U-1 u,  
van<sup>2</sup>, b n!

26:

ge, 1 uen

edz e w!

✓ ge z

Le' 62

N2!

con, her

con, her!

con, her

con, her

con, her.

con, her

con, her,

con, her,

con, her.

con, her,

l m 2x;

-`pe

lwe ve

en, r,

en, r,

c) b m,

h z p m,

ve n.

u v u!

f b m!

b h

g/10 12  
over 1,  
g/10 12  
2ve 1,  
100 1,  
e f,  
0, 22  
2) 1,  
1/10  
10 12  
10 12.

- e/ρ

g<sub>1</sub>) c<sub>1</sub>,

BM' o<sub>1</sub>,

BM ~ 2<sub>1</sub>

ren M<sub>1</sub>,

1) s c<sub>1</sub>

2<sub>1</sub> c<sub>1</sub> h<sub>1</sub>;

c<sub>1</sub> 2<sub>1</sub> 2<sub>1</sub>

h<sub>1</sub> c<sub>1</sub> 2<sub>1</sub>,

s ~ 2<sub>1</sub>

h<sub>1</sub> c<sub>1</sub> h<sub>1</sub>,



1) R L u

• H si

~ R ~ u

8, 2 u,

R g u

8, 0 u,

R g u;

• f u,

• f u

u g u,

o u 2.



2m.

\`2\` \`h\` - \`2\`o,

\`b\`m, \`h\`g, \`c\`p, \`o

\`d\`e, \`p\`a\`j\`o\`n

- \`g\`z\`u\`l\`m,

→ \`o\` \`b\`2\` - \`u\`l\`m

e\`n\`d\`e\`z\`z\`p\`!

→ \`h\`o\`c\`u\`! \`g\`t, \`v\`l\`t,

\`b\`o\`f\`z\`y\`m\`i\`n\`t.

2\`m\`o, \`p\`p\`m

~ 1/2, 1/2, 1/2, 1/2, 1/2.

1/2: (1/2)

1/2, 1/2, 1/2, 1/2?

1/2 - 1/2, 1/2, 1/2

1/2 ~ 1/2, 1/2, 1/2,

- 1/2 ~ 1/2, 1/2?

# STUDIENZIMMER

U. v. Leo.

U:

- n! 2! a - p e a n!

v. Leo.

1 v.

4:

2!

2/3 100:

926 - 2000.

4:

200!

2/3 Leo.

— fed by v.

1<sup>o</sup>, 2<sup>o</sup>, 3<sup>o</sup>, 4<sup>o</sup>, 5<sup>o</sup> M;

er er, ber, M,

u, o, er, M, 2;

2<sup>o</sup> M, 2<sup>o</sup> M, 2<sup>o</sup> M,

er, M, 1<sup>o</sup> M,

1<sup>o</sup>, 2<sup>o</sup>, 3<sup>o</sup>, 4<sup>o</sup>,

2<sup>o</sup> M, 1<sup>o</sup> M,

— M, er, M, 2;

2<sup>o</sup> M, 2<sup>o</sup> M, 1<sup>o</sup> M;

des, open, L,  
sub, coem.

Q:

interc, cil

on rebo.

1st, 2nd,

1st, 2nd, 3rd.

con, d, v, c, p, m?

un, e, un!

e, d, p, r,



Ver... ..,

~, ... ..,

... ..

... ..,

... ..,

... ..

... ..,

... ..

... ..,

... ..

... ..

Drö, c, n) z, w,  
P r s e m f u;  
D e i n b p u d,  
P a d e l z f u.  
` v, ` v P l o c d,  
n d r n d v i;  
` s e n n r l l,  
` n D o i u n;  
— v e e — b,  
` L e o f, e n v s b.

2/3 Co.

- 0.25 \(\leq e \sim 2\gamma \sim 2b\)

U:

- 0.25, 2, 1.5, 2.5

1.5, 2, 2.5, 3

~ 1.5, 2, 2.5, 3

2.5, 3, 3.5, 4

- 1.5, 2, 2.5, 3, 3.5, 4

3.5, 4, 4.5, 5

уф.ко:

- 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

ф:

е, г, д, з, и, к, л, м, н, о, п, р, с, т, ф.

уф.ко:

а, б, в, г, д, е, ж, з, и, к, л, м, н, о, п, р, с, т, ф.

4:

$c = 2 \int_{-\infty}^{\infty} p$

$\sim \rho \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$ ,

$\sim \rho \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$

$2 \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$ ,

$— \rho \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$

$2 \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$ ,

$— \rho \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$

$2 \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$ !

$\rho \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$

$\rho \int_{-\infty}^{\infty} \rho \int_{-\infty}^{\infty} p$ !

Never yours,

John F. Kennedy!

Mr. Costello

Dear Mr. Costello!

Mr. Costello,

Thank you for your letter.

Very truly yours,

John F. Kennedy

cc - Mr. Costello

cc - Mr. Costello

cc - Mr. Costello

0 2 2 2 2 2!

0 - 2 2 2! 0<sup>2</sup> 2 2

- 0 - 2 2!

2 2, 2 2: (2 2)

0! 0!

0 2 2 2

1 2 2 2,

2 2 2 2;

0 2 2, 0 2 2!

~ 2 2 2 2 2 2!

rk

, rk 10/24,

-rk

8, rk 10/24,

rk

rk,

rk

rk,

rk rk rk rk!

rk rk

rk,



22.26,

→ 2.8

Lines!

2/2/20.

9<sup>2</sup>, 1, 2, 3

1 ~ 2 ~

2, 3, 4, 5 - 10

10, 11, 12!

2, 3, 4,

5, 6

сб-отън,  
—обн.

2, 5, 2e2h, 1g;  
; 0 ~ 2, 0 a n b;  
1, 2b p f b e b e;  
e e ~ 2g 2g 2g b.  
e \_ b / p  
e b e h, 1g o.  
1, 0 ~ 1 ~ 2 o;  
e - e, 2v ~ ,

e p s u u,

- v p u u,

e j o, s' f.

v e p,

- v e s,

v e e, v e n!

6:

- c o, e m e s?

2/3 60:

ey 2 2 ~ 2 b.

6:

~ , ~ ! ~ 2 ~ 2 b

- 4 / ~ 2 2 2 0 ~ ,

co ~ 2 h ~ f :

f , w e e ~ o ;

~ 2 or W f ~ 2 o .

Uf. 60:

1- P x j e r e d u e r,

s e n o n / 5 - / u ;

c r i s t e e l l e r,

— ° e v e r 2 L

Uf. 61:

e d u n P a r u e r,

z d e s t o c k u e r,

1 i n e d y s i.

o r r e b e r 2 L

- 9 0 ~ z 1 2 ~ l;

~ 1 P S m z l;

~ 2 3, 6 0 - - ~, p.

e S - 1 i C 2 ~,

~ 2 2 D ~ 2 6 - 1,

- 1 - D 2 ~ d ~

~ ~ ~ ~ ~.

~ l; l;.

~ 2 9 6 ~ ~ e; m.

~ e p; e; 2 9 ~ m,

2 2 2 2 2 2 2 2,

1 2 3, 4 5 6 7 8 9 10.

4:

co-ly m l l m?

ce o r g r 2 b, 2 o r 2 2 2 f m,

1 e o r 2 l f b?

o r e f o, 1 1 o r, 2

e y 2 o 2 e, e 1 b,

E b 2 2, e 2 2 e f m,

~ f, l 2 2 2 2 f m,

~ 222, e ~ 224

2 ~ 222<sup>2</sup> ~ 222) ~ 222,

~ 222 ~ 222,

, 0 ~ 222, 222!

222, 222, 222, 222, 222,

- 222, 222 ~ 222!

222 Co.

~ 222 222 222,

222 222 ~ 222.

222 222, 222 ~ 222,





ulgo.

✓!

U:

- 25 25!

C, / 25 25:

25 25 25 - 25!

25 25 25 25,

25 25 25 25!

25 25 25 25,

25 25 25 25,

1.  $\rightarrow$   $\nu$   $f$ ,  $f$   $\nu$   $l$ ,  
-  $f$   $l$   $\nu$   $l$ !

$\nu$   $l$ :

$\nu$   $l$ ,  $l$   $\nu$  /  $\nu$ .

$l$ :

$l$   $\nu$   $l$   $\nu$   $l$ ;

$l$   $\nu$  /  $l$   $\nu$ .

$l$   $\nu$ ,  $l$   $\nu$ ,

$l$   $\nu$ ,  $l$   $\nu$ ,  $l$   $\nu$ .

Uf Co.

1<sup>c</sup> 2 2 2 2, U r e = 20,

o e r 2 0 l b e n.

→ e! m 2 2 0 e f t e r

U. 1 v ~ G f e r e.

U:

D o p p i o l e t e y C e n t?

2 e 2 2 2 2, 1 2 2 2 2 2?

2 / 2 2 2 2 2 2 2 2

2 2 2 2 2 2 2 2?



y, w, Am, Ar?

o, r, r, r, l, r?

in te col.

dy lo.

o r e e in

→ r \_ r r?

• o ~ r o r r.

e, g, h, p, r, r, r, r.

4:

c 9 0 1 ~ 2 3 4,

— 2 3 4 5 6.

4: 60.

4 ~ 2 3 4 5.

4:

— 2 3 4, 5 6 7 8!

e f g h i j k l

• 2 e, c o 1 2.







→ 2/3/1 - 1/2/1

6:

2/3/1, 1/2/1, 1/2/1.

2/3/1, 1/2/1, 2/3/1, 1/2/1,

1/2/1, 1/2/1, 1/2/1.

2/3/1, 1/2/1, 1/2/1;

0 2/3/1, 1/2/1, 1/2/1,

- 1/2/1, 1/2/1, 1/2/1;

- 1/2/1, 1/2/1, 1/2/1,

2/3/1, 1/2/1, 1/2/1 - 1/2/1,

^ C - 0 5 2 ~ 6 2 h  
- 2 ~ 6 j n 6 e ~  
-, 0 6 6, n n D, p ~.

2/3 60.

- 2 v, 2 h 6 e h  
~ 9 2 5 p 6 ~  
e s - 2 6 j w  
~ 2 y ~ 5 2 h 1 e f!  
2 5 6, 9 0 2 y  
• - l ~ 2 1 p l!

、(101)2 ~ 2 0 1 2 3 4

5 6、2, 1, 0, 1, 0, 1, 0, 1,

- 1 4 - 1 0 - 1.

6:

~ 1 -!

1/2 1/2:

e. b) 2 ~!

0 - ~ 1. 0 1 0:

1/2 1/2, 1, 0, 1, 0:

1.  $e, \beta, \gamma$  ...  
o  $\gamma, \beta, \alpha$  ...  
b ~  $\alpha, \beta, \gamma$  ...  
-  $\alpha, \beta, \gamma$  ...  
s ~  $\alpha, \beta, \gamma$  ...  
o  $\alpha, \beta, \gamma$  ...  
o  $\alpha, \beta, \gamma$  ...  
o  $\alpha, \beta, \gamma$  ...  
o  $\alpha, \beta, \gamma$  ...  
b ~  $\alpha, \beta, \gamma$  ...  
2  $\alpha, \beta, \gamma$  ...

- 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,

13, 14, 15, 16, 17, 18,

19, 20, 21, 22, 23, 24,

25, 26, 27, 28, 29, 30, 31, 32.

4:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10,

11, 12, 13, 14, 15, 16, 17,

18, 19, 20, 21, 22, 23, 24,



$v_1 v_2 \sim 2v_1 2v_2,$   
 $v^2 p_1 \sim 2v_1$

уф.с.

$2 \sim 2_2 2_1, \Gamma \sigma, \delta_2,$

$\sigma 2_1, \delta_2 \mu \delta;$

$\Gamma \sigma \epsilon \rho \nu_2,$

$\sigma \Gamma^{\circ} \mu \delta \epsilon \nu.$

$\sigma 2_1 \mu! \delta \nu - \delta$

$- \nu - 2^{\mu}, i^2 \epsilon;$

$\delta \sigma, \sigma \Gamma \rho \delta,$



• e e c u z u ?

c 1 o o z u f u n ,

z u r u l l i z ?

1 u j - u ~ u z u ,

o 1 f u f l u .

u j ! o o o o o ,

- l e z u c z u !

1 o - e : ~ u , f u l ,

• o ~ u , s e u z e

f u o z o r u o z u l ,

- u o p l z u h c e .



erlebe ~ u. d. l. o. n.

2/21 ~ s<sup>2</sup> n!

U:

v p / 2 n, ~ j o z.

Uf Co.

\ n n a d r,

\ e l / f o z.

~ , r v e ~ - v ;

, 20 20 v ~ o f u.

1.  $\sim \sim \sim \sim \sim$

2.  $\sim \sim \sim \sim \sim$

3.  $\sim \sim \sim \sim \sim$

4.  $\sim \sim \sim \sim \sim$

5.

6.  $\sim \sim \sim \sim \sim$

7.  $\sim \sim \sim \sim \sim$

8.  $\sim \sim \sim \sim \sim$

o  $\rightarrow$   $z$   $u$   $e$   $=$   $-$   $f$   $u$   $m$

$e$   $f$   $z$   $m$   $u$   $b$   $y$   $m$ ,

$-$   $z$ ,  $e$   $f$   $z$   $m$   $u$

$m$   $z$   $e$   $z$   $o$   $\sim$   $z$   $b$   $m$ ,

$\sim$   $z$   $u$   $m$   $u$   $i$   $e$   $u$ ,

$-$   $o$   $z$   $f$   $u$

$\sim$   $z$   $e$   $z$   $f$   $u$ .

$\sim$   $z$   $z$ ,  $e$   $e$   $o$   $z$   $m$ ,

$e$   $f$   $z$   $m$   $u$ ,

$\sim$   $z$   $z$   $f$   $u$ ,  $f$   $u$ ,  $z$   $u$ ,

$-$   $o$   $z$   $f$   $u$

° f o - l u - v i e l u g u ;

1 ( l u ) v o d l u ,

- 1 - ) 0 / 2 L e s u ,

1 v o l t e v i !

~ g e n s .

g e n :

1 v o l t e v i ,

- ~ ~ ~ ~ ~ ,

~ ~ ~ ~ ~ ,

~ e v 2 r b h m.

2/3 lo:

~ 2 l h v p o!

^ o ~ n o i n.

o ^ o o d z y h?

z:

1 u. ^, ~ d ^ z ~!

1 ~ z z e z z y,

e r z e - p r u;





201/20, ~ ~ 4,

- 2 ~ 0 ~, 5 ~ ~ ~,

MV 2 ~, 2' ~ ~.

2/3 20.

e ~ ~ ~ ~ ~.

— ~ ~ ~ ~ ~ 4

1/2 ~ ~ ~ ~ ~,

2 ~ ~ ~ ~ ~ 6.

— ~ ~ ~ ~ ~ 6

2 ~ ~ ~ ~ ~ 6.

yes:

$\sim N_{200}^{-1} \int L_{\epsilon} \mathcal{M};$

$\partial \partial v \sim, \partial \cap 12 \mathcal{M}?$

yes:

$\sim \int, \partial \cap \mathcal{M},$

$\cos \partial \cap \mathcal{M} \sim$

yes:

$\sim \int \mathcal{M}, \mathcal{M},$

$\sim \mathcal{M}, \cos \mathcal{M}$

- 2<sup>2</sup> r; lo,

, 0/ - , ~

2/ lo:

es <sup>e</sup> r s' ~

o v r ~

2/:

1 v a 2 o -

o l \* v m

~ o l -

~ zuordnen.

2/3 lo:

1/2, 621 - zu 1200,

2/3, 621 - zu 1200,

2/3, 621 - zu 1200,

2/3, 621 - zu 1200,

2/3, 621 - zu 1200,

2/3, 621 - zu 1200,

2/3, 621 - zu 1200,

2/3, 621 - zu 1200,

-1/κ<sub>1</sub>, 1/κ<sub>2</sub> - E,  
N<sub>2</sub> - 2.

ε<sub>1</sub> ~ 1/κ<sub>1</sub> ~ 1/κ<sub>2</sub> ~ 1/κ<sub>3</sub>,

ε<sub>2</sub> ~ 1/κ<sub>1</sub> ~ 1/κ<sub>2</sub> ~ 1/κ<sub>3</sub>

μ<sub>1</sub>, σ<sub>1</sub> - h<sub>1</sub> L,

~! f! e! g ~ n -

f<sup>2</sup> p<sup>2</sup> p<sup>2</sup>

σ<sub>2</sub> ~ σ<sub>1</sub> ~ σ<sub>3</sub>,

c ~ 1/κ<sub>1</sub> ~ 1/κ<sub>2</sub> ~ 1/κ<sub>3</sub>,

, f<sub>1</sub> ~ 2x 2x 2x,

, l<sub>1</sub> ~ 2x 2x,

~ 7140 1002 71.

\ b o l, \ 112

- u b s, - v b \_ o:

e b c ^ \_ , e f ^ \_ ,

- e e e - s t \_ ;

- c e b - f l c ,

e e e - s t c ~ m m .

e b o , g e e t ,

<sup>2</sup> m ~ a n t .

a - c o 1000 m m - f l u ,

b l ~ 2 b 2 o j l u ,

er 2 \ 1 \ 20 \ 20,

U, er! \ 20 \ 20.

20 \ 20 \ 20 \ 20,

gumb-colo.

g:

~ 20 \ 20 \ 20.

20 \ 20:

e' 20 \ 20 \ 20,

c \ 20 \ 20 \ 20

- p r n o l y m .

g:

v' s e - e,

o r, v ~ v e l r n l z:

u f e o:

D, ~ e h o h,

v o r ~ v e l v h!

e s o, e r v o l o,

c o z o r g z m / o;



lcomen-1en,  
~ Mcljerd g.

elb 902u h

nlh'6 ryc.

blger 2 r ten n;

ten 2 2 r g!

2 r s c h w,

W h c r f e t,

er r h h o s,

e. i s, s c o r u g;

el r g r o h u b,

sent, 1-2-26!

gr:

e d r v / g r o n!

r e n v, o f - n d

e, c o n g r e s s o f,

n e p t o n d e k.

u f l o:

e d r v - l e s!



с е, е е ~ ~ ~ !

Л, е, т, п, и;

Л, е, и, к.

г:

~ ~ ~ ' ~ ~ ~ .

— ~ ~ ~ , ~ ~ ~ !

б ~ ~ ~ ~ ~ ~ ~ ~ ~ .

25. 10.

1. 10. 1, 10. 10. 10.

10. 10. 10.

1. 10. 10. 10. 10.

1. 10. 10. 10. 10.

1. 10. 10. 10. 10.

1. 10. 10. 10. 10.

1. 10. 10. 10. 10.

1. 10. 10. 10. 10.

1. 10. 10. 10. 10.

1. 10. 10. 10. 10.

je:

2 - 18 20 2 2 2 0.

24 20:

24! 20 20) / 2 2 2 2

2 2 2 2 2 2,

2 2 2 2 2 2) 2 2 2 2) ~

2 2 2 2 2 2) 2 2 2 2,

2 2 2 2 2 2) ~

2 2 2 2 2 2) 2 2 2 2,

2 2 2 2 2 2) ~ 2 2 2 2

20:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10,

11, 12, 13, 14, 15,

16, 17, 18, 19,

20, 21, 22, 23, 24,

25, 26, 27, 28,

29, 30, 31, 32,

33, 34, 35, 36,

37, 38, 39, 40,

alg. Co. (l)

$1 \cup \infty \sim \infty \sim \infty$ ,

$2 \in \mathbb{N} \sim \mathbb{N}$ .

(4)

$\sim \mathbb{N} \sim \mathbb{N} \sim \mathbb{N}$ ;

$\wedge \mathbb{N} \sim \mathbb{N} \sim \mathbb{N}$ ,

$2 - \mathbb{N} \sim \mathbb{N} \sim \mathbb{N}$ ;

$\mathbb{C} \sim \mathbb{R}$ .

$\mathbb{N}, \mathbb{E} \sim \mathbb{N} \sim \mathbb{N}$ ,

$\sim \mathbb{N} \sim \mathbb{N}$ , common;

$\mathbb{D} \sim \mathbb{N} \sim \mathbb{N}$ ,



e · \ R w.

$\wedge \rightarrow \mu \subset \mu$

$\sim \sim \mu \rightarrow \mu / \mu$ ,

$- \subset \wedge \rightarrow \rightarrow \mu \mu$

$\mu \rightarrow \mu \mu$ .

$\mu \mu \mu \mu$ ;

$\rightarrow \mu \mu \mu - \mu$

$- \mu \mu$

$\mu \rightarrow \mu \mu \mu \mu$ ;

$- \subset \wedge \mu \mu \mu \mu$ ;

$\mu \rightarrow \mu \mu \mu \mu$ .

~ 12066 1/2 1/2,  
e ~ 12066 1/2 1/2;  
j ~ 12066 1/2 1/2,  
r ~ 12066 1/2 1/2,  
g ~ 12066 1/2 1/2,  
- 12066 1/2 1/2,  
c ~ 12066 1/2 1/2,  
j ~ 12066 1/2 1/2.

je:

e o' g u d! n o' e, c - a.

u' f' l' o:

h, l, l, e, i, e, u,

- h' o' z' e' n' u.

je:

1, g, n, v, k, o, a ~ h.

e' l' l, n, c ~ n, y, u,

f, c, o, s ~ h, j, z, u?

ulc lo:

$\cos \alpha, \sin \alpha, \tan \alpha$

g:

$1 \cap \beta \in \mathbb{R}^2$ ,

$1 \cap \alpha \cap \beta \in \mathbb{R}^3$ ,

$2 \cap \alpha \cap \beta \in \mathbb{R}^4$ !

ulc lo:

$\delta \subset$

$\setminus \beta - \alpha$

გა: (ბ)

№ 64  $e_0$ ,  $e_1$   $e_2$   $e_3$   $e_4$   $e_5$   $e_6$   $e_7$   $e_8$   $e_9$   $e_{10}$   $e_{11}$   $e_{12}$   $e_{13}$   $e_{14}$   $e_{15}$   $e_{16}$   $e_{17}$   $e_{18}$   $e_{19}$   $e_{20}$   $e_{21}$   $e_{22}$   $e_{23}$   $e_{24}$   $e_{25}$   $e_{26}$   $e_{27}$   $e_{28}$   $e_{29}$   $e_{30}$   $e_{31}$   $e_{32}$   $e_{33}$   $e_{34}$   $e_{35}$   $e_{36}$   $e_{37}$   $e_{38}$   $e_{39}$   $e_{40}$   $e_{41}$   $e_{42}$   $e_{43}$   $e_{44}$   $e_{45}$   $e_{46}$   $e_{47}$   $e_{48}$   $e_{49}$   $e_{50}$   $e_{51}$   $e_{52}$   $e_{53}$   $e_{54}$   $e_{55}$   $e_{56}$   $e_{57}$   $e_{58}$   $e_{59}$   $e_{60}$   $e_{61}$   $e_{62}$   $e_{63}$   $e_{64}$   $e_{65}$   $e_{66}$   $e_{67}$   $e_{68}$   $e_{69}$   $e_{70}$   $e_{71}$   $e_{72}$   $e_{73}$   $e_{74}$   $e_{75}$   $e_{76}$   $e_{77}$   $e_{78}$   $e_{79}$   $e_{80}$   $e_{81}$   $e_{82}$   $e_{83}$   $e_{84}$   $e_{85}$   $e_{86}$   $e_{87}$   $e_{88}$   $e_{89}$   $e_{90}$   $e_{91}$   $e_{92}$   $e_{93}$   $e_{94}$   $e_{95}$   $e_{96}$   $e_{97}$   $e_{98}$   $e_{99}$

$e_{100}$   $e_{101}$   $e_{102}$   $e_{103}$   $e_{104}$   $e_{105}$   $e_{106}$   $e_{107}$   $e_{108}$   $e_{109}$   $e_{110}$   $e_{111}$   $e_{112}$   $e_{113}$   $e_{114}$   $e_{115}$   $e_{116}$   $e_{117}$   $e_{118}$   $e_{119}$   $e_{120}$   $e_{121}$   $e_{122}$   $e_{123}$   $e_{124}$   $e_{125}$   $e_{126}$   $e_{127}$   $e_{128}$   $e_{129}$   $e_{130}$   $e_{131}$   $e_{132}$   $e_{133}$   $e_{134}$   $e_{135}$   $e_{136}$   $e_{137}$   $e_{138}$   $e_{139}$   $e_{140}$   $e_{141}$   $e_{142}$   $e_{143}$   $e_{144}$   $e_{145}$   $e_{146}$   $e_{147}$   $e_{148}$   $e_{149}$   $e_{150}$   $e_{151}$   $e_{152}$   $e_{153}$   $e_{154}$   $e_{155}$   $e_{156}$   $e_{157}$   $e_{158}$   $e_{159}$   $e_{160}$   $e_{161}$   $e_{162}$   $e_{163}$   $e_{164}$   $e_{165}$   $e_{166}$   $e_{167}$   $e_{168}$   $e_{169}$   $e_{170}$   $e_{171}$   $e_{172}$   $e_{173}$   $e_{174}$   $e_{175}$   $e_{176}$   $e_{177}$   $e_{178}$   $e_{179}$   $e_{180}$   $e_{181}$   $e_{182}$   $e_{183}$   $e_{184}$   $e_{185}$   $e_{186}$   $e_{187}$   $e_{188}$   $e_{189}$   $e_{190}$   $e_{191}$   $e_{192}$   $e_{193}$   $e_{194}$   $e_{195}$   $e_{196}$   $e_{197}$   $e_{198}$   $e_{199}$   $e_{200}$

ღა:  $e_0$

$e_1$   $e_2$   $e_3$   $e_4$   $e_5$   $e_6$   $e_7$   $e_8$   $e_9$   $e_{10}$   $e_{11}$   $e_{12}$   $e_{13}$   $e_{14}$   $e_{15}$   $e_{16}$   $e_{17}$   $e_{18}$   $e_{19}$   $e_{20}$   $e_{21}$   $e_{22}$   $e_{23}$   $e_{24}$   $e_{25}$   $e_{26}$   $e_{27}$   $e_{28}$   $e_{29}$   $e_{30}$   $e_{31}$   $e_{32}$   $e_{33}$   $e_{34}$   $e_{35}$   $e_{36}$   $e_{37}$   $e_{38}$   $e_{39}$   $e_{40}$   $e_{41}$   $e_{42}$   $e_{43}$   $e_{44}$   $e_{45}$   $e_{46}$   $e_{47}$   $e_{48}$   $e_{49}$   $e_{50}$   $e_{51}$   $e_{52}$   $e_{53}$   $e_{54}$   $e_{55}$   $e_{56}$   $e_{57}$   $e_{58}$   $e_{59}$   $e_{60}$   $e_{61}$   $e_{62}$   $e_{63}$   $e_{64}$   $e_{65}$   $e_{66}$   $e_{67}$   $e_{68}$   $e_{69}$   $e_{70}$   $e_{71}$   $e_{72}$   $e_{73}$   $e_{74}$   $e_{75}$   $e_{76}$   $e_{77}$   $e_{78}$   $e_{79}$   $e_{80}$   $e_{81}$   $e_{82}$   $e_{83}$   $e_{84}$   $e_{85}$   $e_{86}$   $e_{87}$   $e_{88}$   $e_{89}$   $e_{90}$   $e_{91}$   $e_{92}$   $e_{93}$   $e_{94}$   $e_{95}$   $e_{96}$   $e_{97}$   $e_{98}$   $e_{99}$   $e_{100}$

$e_{101}$   $e_{102}$   $e_{103}$   $e_{104}$   $e_{105}$   $e_{106}$   $e_{107}$   $e_{108}$   $e_{109}$   $e_{110}$   $e_{111}$   $e_{112}$   $e_{113}$   $e_{114}$   $e_{115}$   $e_{116}$   $e_{117}$   $e_{118}$   $e_{119}$   $e_{120}$   $e_{121}$   $e_{122}$   $e_{123}$   $e_{124}$   $e_{125}$   $e_{126}$   $e_{127}$   $e_{128}$   $e_{129}$   $e_{130}$   $e_{131}$   $e_{132}$   $e_{133}$   $e_{134}$   $e_{135}$   $e_{136}$   $e_{137}$   $e_{138}$   $e_{139}$   $e_{140}$   $e_{141}$   $e_{142}$   $e_{143}$   $e_{144}$   $e_{145}$   $e_{146}$   $e_{147}$   $e_{148}$   $e_{149}$   $e_{150}$   $e_{151}$   $e_{152}$   $e_{153}$   $e_{154}$   $e_{155}$   $e_{156}$   $e_{157}$   $e_{158}$   $e_{159}$   $e_{160}$   $e_{161}$   $e_{162}$   $e_{163}$   $e_{164}$   $e_{165}$   $e_{166}$   $e_{167}$   $e_{168}$   $e_{169}$   $e_{170}$   $e_{171}$   $e_{172}$   $e_{173}$   $e_{174}$   $e_{175}$   $e_{176}$   $e_{177}$   $e_{178}$   $e_{179}$   $e_{180}$   $e_{181}$   $e_{182}$   $e_{183}$   $e_{184}$   $e_{185}$   $e_{186}$   $e_{187}$   $e_{188}$   $e_{189}$   $e_{190}$   $e_{191}$   $e_{192}$   $e_{193}$   $e_{194}$   $e_{195}$   $e_{196}$   $e_{197}$   $e_{198}$   $e_{199}$   $e_{200}$

$e_{201}$   $e_{202}$   $e_{203}$   $e_{204}$   $e_{205}$   $e_{206}$   $e_{207}$   $e_{208}$   $e_{209}$   $e_{210}$   $e_{211}$   $e_{212}$   $e_{213}$   $e_{214}$   $e_{215}$   $e_{216}$   $e_{217}$   $e_{218}$   $e_{219}$   $e_{220}$   $e_{221}$   $e_{222}$   $e_{223}$   $e_{224}$   $e_{225}$   $e_{226}$   $e_{227}$   $e_{228}$   $e_{229}$   $e_{230}$   $e_{231}$   $e_{232}$   $e_{233}$   $e_{234}$   $e_{235}$   $e_{236}$   $e_{237}$   $e_{238}$   $e_{239}$   $e_{240}$   $e_{241}$   $e_{242}$   $e_{243}$   $e_{244}$   $e_{245}$   $e_{246}$   $e_{247}$   $e_{248}$   $e_{249}$   $e_{250}$

$e_{251}$   $e_{252}$   $e_{253}$   $e_{254}$   $e_{255}$   $e_{256}$   $e_{257}$   $e_{258}$   $e_{259}$   $e_{260}$   $e_{261}$   $e_{262}$   $e_{263}$   $e_{264}$   $e_{265}$   $e_{266}$   $e_{267}$   $e_{268}$   $e_{269}$   $e_{270}$   $e_{271}$   $e_{272}$   $e_{273}$   $e_{274}$   $e_{275}$   $e_{276}$   $e_{277}$   $e_{278}$   $e_{279}$   $e_{280}$   $e_{281}$   $e_{282}$   $e_{283}$   $e_{284}$   $e_{285}$   $e_{286}$   $e_{287}$   $e_{288}$   $e_{289}$   $e_{290}$   $e_{291}$   $e_{292}$   $e_{293}$   $e_{294}$   $e_{295}$   $e_{296}$   $e_{297}$   $e_{298}$   $e_{299}$   $e_{300}$

ღა:  $e_0$

4:

ca - ~ r!

uf lo:

ca - e f.

102, ~, e, 200.

2 ch le, ch y

'e ~ ~ ~ ~ !

4:

~ ~ ~ ~ ~

lv, Nod.

-v' d/m;

1 b ~ p, d/m.

~ b, p ~ ~;

1 c f a m o.

45:

~ ~ ~ e' ~ ~;

~ e e ~ ~, ~ e e ~ ~.

4:

$\sigma \sim \mu \cdot \nu \cdot \omega^2 \cdot \xi^2$

$c \cdot \nu \cdot \mu \cdot \nu \cdot \omega - \sigma^2$

2/3 60:

$r \sim \nu \cdot \omega \cdot \xi$

$\nu \cdot \mu \cdot \nu \cdot \omega$

$\nu \cdot \mu \cdot \nu \cdot \omega \cdot \xi$

$\nu \cdot \mu \cdot \nu \cdot \omega \cdot \xi^2$

$\nu \cdot \mu \cdot \nu \cdot \omega \cdot \xi^3$

$\nu \cdot \mu \cdot \nu \cdot \omega \cdot \xi^4$



- 2, 1, 2, — 21 — 25;

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

AUERBACHS KELLER  
IN LEIPZIG

*P. M. P.*

*lg:*

- *hau? au?!*

- *hau? au?!*

- *hau? au?!*

- *Wod m. h. s.*

ben:

e d ~ e; e y u d h i x,

l - e y, ~ x.

by: (z b r ~ z o c s ~ n l)

e s y u lo!

ben:

e d z!

h:

h - h, 2<sup>o</sup> - o!

h:

h 2<sup>o</sup>, - ) h!

2 h 4<sup>o</sup> h ver, o! - h!

s! 2 - 2!

h:

o v, 1 v -

h 2! - h h v, -

6:

с е р а Е ж д,  
В з н а н о в о к е р д.

7:

— н, з о л з, к о т н д!  
а! к н н е!

8:

а! к н н е!

Ly:

1.  $\text{nen}^2 \text{pl.}$

o. n.

e. n. 2.  $\text{nen}^2 \text{pl.}$  ✓ ✓,

o. n. 2.  $\text{nen}^2 \text{pl.}$

ben:

~  $\text{nen}^2 \text{pl.}$  ✓ ✓ ~ C. M. S.

~  $\text{nen}^2 \text{pl.}$  ✓ ✓ ~  $\text{nen}^2 \text{pl.}$  ✓ ✓,

e. n. 1.  $\text{nen}^2 \text{pl.}$  ✓ ✓ ✓ ✓,

1. 2.  $\text{nen}^2 \text{pl.}$  ✓ ✓,



6:

$2\mu \sim 20! - 12$

7:

$2\mu \sim 20! - 12$

8:

$2\mu \sim 20! - 12$

$2\mu \sim 20! - 12$

$2\mu \sim 20! - 12$



6:

4, 6, 6 → - 2 - 2 6!

1-2 2 2 2 2.

6 2 2 2 2, 2' 2 2 - 2.

2 2' ~ 2 2 2 2!

2 2 2 2 2 2 2 2 2 2;

~ 2 2, 2, 2 2 2 2 2,

2 2 2 2 2 2 2 2!

~ 2 2 2 2 2 2 - 2

• 2, 2 2 2 2.

1-2 2 2 2 2,

o r, l d ~ 180

ben: (s ~ 1/2 pre)

Co s! Co s! p d v!

^ 2 ~, fl, 1 c o j n

h ~ o r,

- 9 ~ 20, 1/2 pre,

1/2 ~ 1, c o j b n.

w l! ~ e s ~ f z!

- 6 ~ 20 ~ 1/2 pre!

6 ~

- a -  $\sqrt{R}$  numb,

$\sqrt{R} \rightarrow \sqrt{L} - \sqrt{L}$ ,

$\sqrt{L} \sim \sqrt{R} \sim \sqrt{L}$ ,

o o' e p i

in  $\sqrt{L} \sqrt{L}$  full;

es o e -  $\sqrt{L} \sqrt{L}$  'd,

o  $\sqrt{L} \sqrt{L} \sqrt{L}$ .

2  $\sqrt{L}$ : (type)

o  $\sqrt{L} \sqrt{L} \sqrt{L}$ .

ben:

b b 2, b b 2,

- o b e n p;

f d', f y, e 2 y 2,

- i r o n p;

b v 2 u b n d f,

w e l e n r p,

o / r r r.

2<sub>0</sub>:

o / 1 / 1 R / 1

ben:

b n ~ n / n 2 ~ n

\ / p h,

b ~ ~ x e - h, - n,

- / w r p h i

e n, n ~ 2:

2! b e l l s r y /,

o / 1 / 1 R / 1

2<sub>o</sub>:

o / 6 6 6 6

6:

o), (u u g l s i!

- v - R n d,

~ n u v l l f s i!

ben:

6 f c o z e 2 d ?

*Les:*

'zud' ren G!

e p r v r p - v;

\ ' z' p r v

o r p r v

q - v f l o h s

*v f l o:*

1 r o p r v r v

2 f p r v;

er b, a  $\frac{1}{2}$  m b.

$\frac{1}{2}$  L  $\frac{1}{2}$  m b.

$\frac{1}{2}$  m b - f von

er b) R m g m g,

a h m  $\frac{1}{2}$  g.

c b / s m b m,

— m d — c m d,

$\frac{1}{2}$  b m d - f m d.



ben:

$1 \sim 2 \sim 3 \sim \dots$

$2 \sim 3 \sim 4 \sim \dots$

$b^2 / \text{fe } 2.$

by:

$\omega^2, \epsilon, \dots \sim \dots \sim \dots$

$i \sim \dots \sim \dots$

h:

lco b e, her ~?

h:

o v - n! v r e r o

p, o ~ r e y,

~ u g r. l, o m e' n o.

b z r v o r e r o,

b o r f - f l e o.

ben:

wilfen<sup>20</sup> p<sub>0,1</sub> cl!

ben:

L.

by:

n n<sub>1</sub> je b!

ulf lo: (y l)

~ l p l e l e h n,

- c, b l r n r.

l:

e s / b, r n!

h:

f e n j n b.

o, ulf lo s' o r o c.

c o z n' n s r l o?

2/3 Leo:

• - w, 5 D / 7 / 9?

g 1 ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9

0, 1, 2, 3, 4, 5, 6, 7, 8, 9.

2/3:

1 2 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9.

4:

1 2 3 4 5 6 7 8 9?

0 1 2 3 4 5 6 7 8 9?

2/3 Leo:

27<sup>2</sup> 12 ~ up!

12 ~ e.g. of 2.

So ~ 6, 7, 8,

9, 10, 11, 12.

~ 1) n.g.

2/3: (✓)

es 2 e! \ g!

h:

~ ehm A!

h:

~, w ~, ~ ~ ~!

uh h:

c, / N, 2 ~

~ ~ ~ ~ ~?

p, p ~ h, x

~ ~ ~ ~ ~!





ulf lo.

crum, vr.

lo.

→ D ~ N ~ S ~ f!

ulf lo.

1 ~ N ~ S ~ f ~ x,

2 ~ z ~ r ~ o ~ e ~ ' ~ p.

o.

- a ~ r ~ r ~ r,

1 ~ 2065 m

lg:

200! ~ 65! 3 r e c. 10?

~ 65 · v ~ 0.26.

alg. 60. (60)

- a ~ 6 ~ 20

1 ~ 2065,

~ 1.2 / 10,

000 ~ 1000.

es l. o z e,

z e n z:

e, v o <sup>2</sup> l u n e

- v o r z o n!

ben:

so - /, z e p h e,

e, v o r o v o,

- e, - t o n l r;

z o n l e h!

25. 10.

201 - 202

201 - 202

201 - 202

201 - 202

201 - 202

201 - 202

201 - 202

201 - 202

201 - 202

201 - 202

1.  $\text{m}^n - 1$ ,  $pl$

$pl - pl$ ,

-  $ab$   $bl$   $mm$ ;

-  $ab$   $bl$ .

1.  $\text{m}^n - \text{you}$

$ab$ ,  $c$   $pl$ .

2.  $\text{m}^n$ : (type)

1.  $\text{m}^n - \text{you}$

$ab$ ,  $c$   $pl$ .

lj:

ka!ka!caz!

la:

—°-terlsin!

len:

sp, len - Wol!

128:

- n, l, j! - n'c!

129:

1 h v m ~ 20, 1 l j 2 j m,  
c ~ c ~ b 10 c m.

130:

1 2 2 e / e 2 m!

उत्तर है:

1. वह  $\rightarrow$  (अथवा);  
2. वह  $\rightarrow$  (अथवा) वह  
3. इनमें कोई भी.

है:

$\rightarrow$  म  $\rightarrow$  न  $\rightarrow$  प.

है:

ह  $\rightarrow$  न  $\rightarrow$  प, —  $\rightarrow$  न  $\rightarrow$  प  
ह.



→  $w/n, j, n, k$

$e, c, 1, 4, p, n^0$ ;

$w, 1, D, e, 2, \sqrt{h}$ .

*Der:* ( $\checkmark$ )

$b^2 \int \sqrt{h}, c, 1, p, n$ .

*df*  $h^0$ :

$h \sim \sqrt{h}$ !

ben:

co<sup>o</sup>?? pu?

^o o /, lo ~ 'm?

ben:

est o' d ~ ~ ~ ~ ~

fu.

uf lo: (nd ~ ~ ~ ~ ~)

~ d, co o g / ~ ~ ~ ?

lg:

o z w l r e! o r \_ w h e ?

ulf lo:

1 fu - r ten l.

ur: (y l p)

si! e l d z ~, i l u r p u.

By:

$2! C_1 C_2^0, \dots, \dots, \dots$

$e^{2x} = \dots$

By:  $(n-1)!$

$\dots$

$\dots$

$\dots!$

Der:

$D, e^2$  gegeben.

als: (y/ben)

- ^?

ben:

$\rightarrow$   $\text{z} \sim c$

-  $\sqrt{26}^{c_0} \sim !$

2/3  $\frac{1}{2}$ ;  $\rightarrow \frac{1}{2}$ ,  $\frac{1}{2}$   
P h p h - y l.

ben:

2 n / g e h e r e r

e n d s l l - l n .

~ h t u u u h y e l ,

d n c h t . m .

6. (n)  $\text{df } \text{Co} \text{ or } (\text{y} \sim \text{w})$

$120 \text{ fr. } \sim \text{Zin } \text{w} \text{ 1/}$

$\text{w} \text{ v} \sim \text{20 } \text{S} \text{ R} \text{ 00!}$

$\text{df } \text{Co.} (\text{L} \text{ V})$

$\text{1}^{\circ} \rightarrow \text{L} \text{ R} \text{ 00.}$

Ver:

$\sim, \text{Zin}, \text{or } \text{v} \text{ 20 } \beta!$

$10 - \sim, \text{1}^{\circ} \text{ J} \rightarrow \text{J} \text{ 0.}$

2/3 Leo:

1! 1! 2 2 er 2 6

er ~ b s pt.

ge! → 2 20 pt!

2 ch c n 1 er?

2/3 er:

2 ter! → 1 ~ pt.

Dr. 2 sept - y 0<sup>2</sup>.



2/3 lo. (20<sup>per</sup> per)

h<sup>h</sup> \ c<sup>g</sup>!

2 m<sup>g</sup> per;

\ c<sup>o</sup> \ 2<sup>g</sup> \ m<sup>g</sup>,

\ 2<sup>g</sup> \ D \ c \ D \ m<sup>g</sup>.

\ h<sup>o</sup> \ 2 \ m<sup>g</sup>!

2 \ c<sup>o</sup> \ m<sup>g</sup>!

\ 2<sup>g</sup> \ P \ h<sup>o</sup> \ m<sup>g</sup>!

• (no, P h p - ter)

~

~ 10 20 ~ (l)

~ 1 2 3 4 5 6!

~ 1 2 3 4 5 6!

~ 1 2 3 4 5 6!

6 h m E d.

• (6~)

• 2y n t e,  
o o b l s e / o z i!

• l o.

e L o i l, o r n, o c o' p n!

• 6:

1 - 2 6, n y l n.

2/3 Co.

$x \rightarrow 1/2, 1/3, 1/4$

1) 2 2 2 2

6: (1/2, 1/3, 1/4, 1/5, 1/6)

1/6

2/3! 1/3! 2/3! 1/3!

2/3 Co. (1/2, 1/3)

1/2, 1/3, 1/4

1/2

l n a - ~ l h b s i

6:

c o ° e o ? c w ! r y . - l s i !  
- z , e r s / m .

7:

o \ s e f f ~ e e w !

↓ 25:

1. e, 120 ~ 2y 0 o w 2.

6:

co, 2x? \ - ) f 2,

- x o 2 f 0 1 u?

25 lo:

f, - 1 c lo!

6:

log!

g-12 22 um?

ben:

W-, -ozz um!

ren: (g ~ Pl<sup>2</sup> D,

-g/Pl<sub>2</sub>m)

1h! 1h!

gby' n: 1h!

6  $\rho, \sigma - \rho$  s  $\rho$   $\rho$ .

$\rho$ : (2  $\rho$   $\rho$ )

$\rho - \rho$

$\rho - \rho$ !

$\rho - \rho$ !

6  $\rho - \rho$ .



128:

$c v_1^2 \rho_0 z v x!$

129:

$c w v! \sigma_1 \sqrt{b}!$

130:

$-h^2 \rho / x!$

ben:

2 3 4 5 6

σ, ρ ~ f! σ, ρ h!

1 2 3 4 5 6

1 2 3 4 5 6 7 8 9 10

2 3 4 5 6 7 8 9 10

N<sup>2</sup>, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

- 2 3 4 5 6 7 8 9 10

1.  $g^2 \in G$ ,  $g$  per  $h$  end.

6.

con?

7.

8?

9.

con?

Ver: (j b)

- e 2 1 2 20!

Ver:

- a ~ 2, 2 ~ p ~ 20!

2 ~ f, 1 b ~ 20!

Ly:

~ , d v ~ , co: pu?

by:

$c \cdot m^2 c^2 \sim p^2$ ,

$\sim v / \omega \sim \lambda^2$

Der:

$\lambda \sim \omega / \nu \sim \omega / \omega_m$

$\lambda \sim \omega \sim \omega_m$

$\lambda \sim \omega \sim \omega_m$ .

$\lambda \sim \omega \sim \omega_m$ .

$\lambda \sim \omega \sim \omega_m$ ?

h:

hca-oo, n-gu.

h:

vele, ohra.

ben:

noa-2~h?

↓ 28:

~ 17 ~, 20 ~ 00 ~!

# HEXENKÜCHE

s r v n x g ~ l o n o x<sup>2</sup>  
 l z i z<sup>2</sup> e q, e s z, z z g t,  
 f n) g h g t. — w g  
 o d l<sup>2</sup> n o — g v n — o d, e,  
 l s d. — w n z ~ l n o f e n  
 — w d). c c — e n z z z o g  
 B z o g d.

l f. v f l o.



4:

v E p e L u j u s o n !

g b e v , i r o n

z r c f s o s i ?

u , v s r s c u ?

- g l i o e r h

c e b h v s u ?

s v , c e i u o c b !

j , z h v g e i

o , u - o ~ e r z b

l n e ~ u a g l e i ?

2/3 60:

2 60, ~ f 6 4 6 0 1!

0 1 2 3, 4 5 ~ 6 7;

~ 1 2 3 4 5,

- ~ 6 7 8.

6:

1 - 0.

2/3 lo.

2/1 ~ 2, → 2e

- 2/1 - 2/1 2:

2/1 2/1 2e 2e,

2/1 ~ 2/1 - 2/1

2/1 2/1 - 2/1

2/1 2/1 2/1 2/1,

2/1 2/1 2/1 2/1,

2/1 2/1 2/1 - 2/1 - 2/1,

2/1, 2/1 2/1, 2/1 2/1;

e·e 2/1 2/1,

s p h e j m!

q:

e v r f, n p k,

~ g h z x j m.

e n m g v n / ~.

u f h o:

— w e d, f e.

4:

en  $\frac{1}{2} e \cdot c$ !

$n \sim h / \omega \cdot \frac{1}{2}$ ?

2/3 lo.

$e \sim \frac{1}{2} \omega \cdot c$ !

$\frac{1}{2} \omega \cdot c \cdot \frac{1}{2} \omega \cdot c$

$\frac{1}{2} \omega \cdot c$ ,

$\frac{1}{2} \omega \cdot c$ .

$\sim \frac{1}{2} \omega \cdot c$ ,

$\frac{1}{2} \omega \cdot c$ .

-so, copy,   
-<sup>2</sup> remember!   
-L 3 B J J;   
-L 3 0 / 20.   
-W W C.

B, C ~ J J J!   
e, v, e ~ W!

J ~ W.   
-J, 1/2, 1/2?

1 W:

✓ 20,

o<sup>2</sup> 20

1777 20!

25 20:

o ~ 20 c. 1777?

1 W:

— 1777, 20 c.

ulso: (14)

o b e e s, j m?

4:

— y z v, o i t h e o!

ulso:

~ , ~ e o t o o q e s

• z e , ~ , n p l v!

j ~ m.

— o v o, M A,



cos  $\sqrt{r^2 + z^2}$

1.  $\sqrt{r^2 + z^2}$

$\sqrt{r^2 + z^2}$

2.  $\sqrt{r^2 + z^2}$

$\sqrt{r^2 + z^2}$

3.  $(\sqrt{r^2 + z^2})^2 - z^2 = r^2$

$\sqrt{r^2 + z^2}$

$\sqrt{r^2 + z^2}$

- 2 2 ✓,

- 0 2 2!

2 2 2,

- 1 1 2,

- 1 1 0.

2 2 2.

0 2 2) 2 2,

2 2 2 2 2!

$\vec{z}^0$   $z_1$   $z_2$   $z_3$   $z_4$   $z_5$   
 $z_6$   $z_7$   $z_8$   $z_9$   $z_{10}$

$\vec{z}^1$ :

$z_1$   $z_2$ ;

$z_3$   $z_4$   $z_5$

$z_6$   $z_7$   $z_8$ ;

$z_9$   $z_{10}$   $z_{11}$   $z_{12}$

$z_{13}$   $z_{14}$   $z_{15}$

$z_{16}$   $z_{17}$ .

$z_{18}$   $z_{19}$   $z_{20}$ ;

- x ~ u:

»1 u uel!«

u u o u,

u u el!

u u u u!

o u u,

- u u u.

u u u.

o o u u?

*red:* (2/1-2/1)

$c \sim e, \sim e,$

$\rightarrow 1, 2 \sim \dots$

$\sim 1/2 \sim 1/2 \dots$

$0 \sim 1!$

$\sim e \sim e,$

$\sim e \sim 1 \dots?$

*red:* (1)  $2 \sim 2 \dots$

$\sim 1 \sim 1?$

~m-yp:

\\_m l!

\\_m / ~ l,

\\_m / ~ no!

~f lo:

p lo v!

\\_m:

~ce ~ r,

- of p ~ no!

$\sim \sigma \sim \rho \sim \lambda \rho$

6: (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100)

cos  $\rho$   $\sim$   $\rho$

$\rho$   $\sim$   $\rho$

$\rho$   $\sim$   $\rho$

$\rho$   $\sim$   $\rho$

$\rho$   $\sim$   $\rho$

$\rho$   $\sim$   $\rho$

$\rho$   $\sim$   $\rho$

e z d v e s r c u!

p r r, e c c - z u?

w o, ~ r z y f t r

~ u h s e r r e o z?

- k o l v e r ) s r e?

u f l o.

~ r, c ~ r i ) l o o n c d,

- b a r e k d,

e r o - c o p p o c.

l r o b o p r o s;



1000 ~ 220000,

-0, 1, 2, 3,

1000000!

1000000 ~ 220000, 2<sup>20</sup>00

1000000 ~ 220000, 1000000.

200000 ~ 220000,

~ 220000, 1000000.

1. W: (ch 5 er con. con  
expl 2, 10<sup>2</sup> 2/3 lo  
~ 226 ff)

1. 1 - 2 - 4

220 - 264

1. 1 - 2 - 4!

622 2/3 2' ~ 2 - 262 62  
2 2/3, 2 ch 62 2/3.

$\sim \rho!$

$1 \text{ } \rho - \rho!$

$12 \rho - \rho \rho$

$\rho: (\eta \sim \rho)$

$\rho \rho! \rho \rho \rho$

$\rho \rho \rho: (\rho, \rho \rho \rho)$

$\rho \rho \rho \rho \rho \rho \rho \rho \rho \rho$

1. W:

-c- J 2d,

-c- J 2d,

-<sup>2</sup>- J 2d!

Q: (0 - w)

2 4 6 8 10 12!

1 3 5 7 9!

2/3 Leo: (2 - 1/2 f<sub>0</sub>)

~ 1/2 20 20 20 20,

e - 1/2 20 20 20<sup>2</sup>.

no, change 5 0 1, 0,

W ~ 1/2 1 - 1/2 1/2 1/2,

1/2 1/2 1/2 1/2 1/2 1/2

~ 1/2 1/2 1/2 1/2 1/2 1/2.

1. 2. 3.:

1. 2. 3. 4.

1. 2. 3. 4.

1. 2. 3. 4.

1. 2.

1. 2. 3. 4. 5.

1. 2. 3.

1. 2. 3.

1. 2. 3.

ap) ~?

lsh

Ap!

6W? z p l z ~ no - ff l r

Df, v f l o - ~ m, n

over.

v f l o: (cl ~ ce, ~ \ z' x z /,

v v - l, z o - v l z /)

ff! ff!

es d' L!

es d' e 20!

- i - go,

- W, e s,

je re e.

n, B ~ R - so p M.

und e v r i p i z o e!

und e e r z u - r b?

co 2 / v r, - p 1 j,



18 p - e y r b!

29 r ~ r o b / r y f / ?

~ 9, 2 r l e r / ~ m ?

2, 9 ~ y b y f / ?

0, 1 p k, o r ~ m ?

18:

— 2, y ~ ~ 2 b!

o, 1 d ~ ~ b e l o.

c<sup>2</sup> e ~ ~ ~ m ?

als lo:

l n n d e - e;

e l . - - c g,

e r r / p r r.

D i n n , i e d l e t ,

r s ~ l e ) f l ;

e n o f l u r i n t / u / f r i ;

c b e z m , g l - n s i ?

- c o ~ l o M , ~ , / v o ~ ,

\ ^ v v ~ n f r i ;

e r e r , v , o r u h l u r ,

o Lu Lu Lu Lu.

123: (Lyc)

o - y e u r y;

o r ~ Lu on Ex!

u f lo.

~ n, c, u, v!

1. B:

$\omega_1^2 \omega_2 \omega_3 \dots \omega_n^2$

2. B:

$\omega_1 \omega_2 \omega_3 \omega_4 \omega_5$

$\omega_1 \omega_2 \omega_3^2 \omega_4 \omega_5$

$\omega_1 \omega_2^2 \omega_3 \omega_4, \omega_1 \omega_2^2 \omega_3 \omega_4$

$\omega_1 \omega_2 \omega_3 \omega_4 \omega_5, \omega_1 \omega_2 \omega_3$

$\omega_1 \omega_2 \omega_3 \omega_4 \omega_5 \omega_6$

$\omega_1 \omega_2 \omega_3 \omega_4 \omega_5 \omega_6$

$\omega_1 \omega_2 \omega_3 \omega_4 \omega_5 \omega_6$

~ R - c p e r p e .

1. 2. (R p b)

2! 2! e . 2 ~ ~ ~ !

^ e ~ p r , o r ~ p r c !

2. 3. (y b)

~ b e e n c . y !

9 . 1 . 2 . 3 . 4 . 5 .

1. B:

$\sim \sigma, \wedge \sigma, \text{co} \wedge \sigma.$

2. B:

$\sim \sigma_0 \sigma_1 \wedge \sigma_2 \wedge \sigma_3!$

$\sigma_0 \sigma_1 \wedge \sigma_2 \wedge \sigma_3;$

$\wedge \sigma_0 \sigma_1 \sigma_2 \sigma_3.$

1. B:

$\sigma_0 \sigma_1 \wedge \sigma_2 \sigma_3,$

$\sigma_0 \sigma_1 \sigma_2 \sigma_3,$

1. D/2 R v' b' g' u';

1. - / m ~ r b m.

o.

o c - r u p u' h u'

- n, o r c, l - g e m.

u' l o.

i ~ u l o' - p u';

1. 2 R m e b e n t.

p e r n, p e s t,

- r r - u u!

1.  $\beta, \gamma$  per,  $\gamma$  - no-  
ful  $\alpha$   $\beta$   $\gamma$ ;  $\gamma$   $\beta$ ,  
2.  $\beta$   $\gamma$ ,  $\gamma$   $\beta$ , -  $\beta$   
3.  $\beta$   $\gamma$   $\beta$   $\gamma$ ,  $\gamma$   $\beta$ ,  $\gamma$   $\beta$  =  
4.  $\beta$   $\gamma$ ,  $\gamma$   $\beta$  -  $\beta$ ,  $\beta$   
5.  $\beta$   $\gamma$   $\beta$   $\gamma$ ,  $\gamma$   $\beta$ .

6. ( $\gamma$   $\beta$   $\beta$ )

$\beta$ ,  $\gamma$ ,  $\beta$   $\gamma$ ?

$\beta$   $\gamma$ ,  $\gamma$   $\beta$ ,

$\beta$   $\gamma$ ,



2 v und, ob, m.

2/3 lo.

1/100! e. → j. h. i.

1/100! e. → j. h. i.

620 0/100! e. → j. h. i.

er' der c. p. n.

1/100! e. → j. h. i.

1. 2. 3. (2 2 0 n 0 l n ~, e<sup>2</sup> 2 J  
e n n)

e 2 6 y!

e ~ 2 J,

- f 0 n,

- e 2 J,

- 6 e ✓.

e, f!

e l l - 0,

- d, 2,

2 0 n - n,

— p M:

— i,

— j m.

e·e R = r e!

U:

Perd, 1, 2 p r u.

U: Co:

e·2 r / u,

1 m / c, — r e r y U;

1222 f d e m,  
e ~ e ~ i ~ e f  
w d s p w t l o r o l  
L m.

u b o i n d i d ~ s.  
- a i d j e n f,  
p e ~ e, ~ e ~ e  
N<sup>o</sup> g e w j d.

- z f ~ d ~ u f f d;  
a ~ ) ~ i ~ ~ u d o?

f u ~ w d ~ u g, c, ~ c ~ d

2✓,

- 20) a d n c o l u m n s.

1. 2. 3. (L/P)

1. 2. 3. 4.

✓ 0/,

✓ 2/ 3/ 4/ 5/

- a / e / i / o / u /

2' 6' 12' 18' 24' 30' 36' 42' 48' 54' 60'

✓ 2 6 → 0 30.

4:

cos 65 l f ~?

- 'v 2' ~ l f l h.

Peru, 12 ~ 20 2

120/60 ~ l f l h.

1/2 l o.

m, m, - l o l h!

re ~ l h a, - l o

'z e y' ~ ~ r e 2 i;

e r r l e' q l h / z i:

in der Natur,

in der Natur.

in der Natur, gut ~ Natur

— zur Natur ~ Natur, gut

— Natur.

— Natur! Natur!

— Natur! Natur!

— Natur! Natur!

— Natur! Natur!

1.  $\mathbb{R} \rightarrow \mathbb{C} \sim \mathbb{R} \oplus \mathbb{R}$ .

$\sim \mathbb{R} \oplus \mathbb{R} \cong \mathbb{R} \oplus \mathbb{R}$

1.  $\mathbb{R}$ :

$\mathbb{R} \rightarrow \mathbb{R} \oplus \mathbb{R} \cong \mathbb{R} \oplus \mathbb{R}$

2.  $\mathbb{C}$ : ( $\mathbb{R} \oplus \mathbb{R}$ )

$\mathbb{R} \oplus \mathbb{R} \rightarrow \mathbb{R} \oplus \mathbb{R} \cong \mathbb{R} \oplus \mathbb{R}$

$\mathbb{R} \oplus \mathbb{R} \rightarrow \mathbb{R} \oplus \mathbb{R} \cong \mathbb{R} \oplus \mathbb{R}$



12B:

$x \sim \text{!} \text{c} \text{r} \text{f} \text{u} \text{b},$   
 $— \text{a} \text{r} \text{f} \text{u} \text{y} \text{g} \text{u}.$

12C: (14)

$\sim \text{r} \text{f} \text{e} \text{—} \text{o} \text{e} \text{b} \text{u};$

$\text{e} \text{r} \text{b} \sim \text{w} \text{e} \text{r} \text{h} \text{u} \text{u};$

$\text{e} \text{r}, \text{r} \text{f} \text{u} \text{—} \text{f} \text{o} \text{e} \text{u}.$

$\sim \text{e} \text{r} \text{b} \text{u} \sim \text{r} \text{f} \text{e} \text{g} \text{u},$

$— \text{w} \text{e} \text{r} \text{f} \text{e} \text{y} \text{r} \text{u} \text{y} \text{u},$

$\text{o} \text{r} \text{f} \text{e} \text{r} \text{—} \text{e} \text{f} \text{u}.$

4:

o p → z ~ z p z z!  
e h v e a z j z!

u f h o:

~! ~! e ° e v e h  
~ u e v p ~ e o z.

o.

e b, z p h p v,  
u e z z z t e c v.

# STRASSE

cf. *wms* *spe.*

cf:

*w* *g* *o* *l* *.*, *er*, *er*,

*w* *n* *-* / *r* *ph*?

*wms*:

*w* *er* *l* *.*, *er* *g*,

*r* *g* / *D* *g* *er*.

622) - 1.

6:

✓ 22, 90 20. 22!

— 20 21 22.

6: — 6! = 720,

— 20 22 22.

22, 22,

22 22 22!

22 22,

22) 22 22;

Oberrhein, Rhein,

einigen!

als 1815.

6:

2, 5, 16, 17, 18!

als 1815.

2, 17!

6:

67 ~ 4 ~

67 ~ 4 ~

es: 6 ~ 5 ~ 6 ~

~ 6 ~ 6 ~

~ 6 ~ 6 ~

~ 6 ~ 6 ~

~ 6 ~ 6 ~

~ 6 ~ 6 ~

4:

• 4. 1/2 1/2 1/2

2/3 1/3

1/2 1/2 1/2 1/2

1/2 1/2 1/2

1/2 1/2 1/2 1/2

1/2 1/2 1/2 1/2

1/2 1/2 1/2

4:

2 2 2 2 2 2

2 2 2 2 2 2

2 2 2 2 2 2

2 2 2 2 2 2

2 2 2 2 2 2

2 2 2 2 2 2

2 2 2 2 2 2

2 2 2 2 2 2

2 2 2 2 2 2



→, p, q, r, s, t, u, v, w, x, y, z.

Q:

→, p, q, r, s, t, u, v, w, x, y, z,

u ~ v, w, x, y, z

— ~ p, q, r, s, t, u, v, w, x, y, z.

u, v, w, x, y, z.

→, p, q, r, s, t, u, v, w, x, y, z;

u, v, w, x, y, z, p, q, r, s, t, u, v, w, x, y, z:

u, v, w, x, y, z, p, q, r, s, t, u, v, w, x, y, z?

Lein 20,

o c r b x, z

p e u m,

e d h m n - p l'

c o m u t e g p l.

U:

o m n - e.

2/3 Leo:

$f \rightarrow g \rightarrow h$ :

$1 \rightarrow 2, 2^2 \rightarrow 3$

$2 \rightarrow 3, 3 \rightarrow 4$

$2 \rightarrow 3, 3 \rightarrow 4$

$1 \rightarrow 2, 2 \rightarrow 3$

4:

$2 \rightarrow 3, 3 \rightarrow 4$

$1 \rightarrow 2, 2 \rightarrow 3$

$2 \rightarrow 3, 3 \rightarrow 4$

~ fpe r ~ 10!

2/3 lo:

el r o, e, ~ ~ ~

- l e n - o d o ~

~ ~ ~ ~ ~

- ~ ~ ~ ~ ~

6:

- ° 6 o 2 ? 6 2 ?

2/3 Leo:

~!

6' ✓ ~ ~ ~ ~ ~

2<sup>o</sup> ~ ~ ~ ~ ~

~ ~ ~ ~ ~

2 ~ ~ ~ ~ ~

4:

~ 1 2?

ulfo.:

- 2, 10.

U:

over - pul!

1.

ulfo.:

2. 2000. 10. 10. 10!

1. 10. 10. 10.

- 10. 10. 10.

120 ~ 10 cm.

1.

ABEND



WWT: (Nyl lbe-are)

12202, C1 - 0,

a 27' 2' 2' 2'!

\ 0 0 0 0 0 0

- 0 0 0 0 0 0

e n 1 B 2 1 2 3 4 5 6 7 8 9

\ 0 0 0 0 0 0 0 0 0 0 0 0

1.



2/3 lo. 4.

2/3 lo.

2, 2/3, 1/2, 2!

4: (2/3 ~ 1/2 ~ 1/3)

1/2, 1/3, 1/4!

2/3 lo. (2/3 ~ 1/2)

1/2, 1/3, 1/4 ~

1.

4: (√ ∘ gpc)

~ ~ ~ , 0 e u z ,

~ e 9 2 ~ ~ ~ !

~ ~ ~ z y , e 0 m k ,

~ e 5 4 ~ ~ ~ z h y g l e s !

o m ~ ~ ~ 0 β ~ ~ ~ ,

~ ~ ~ , ~ ~ ~ !

z 9 ~ ~ ~ c t b e !

z 9 ~ ~ ~ c t o ~ ~ ~ !

~ ~ ~ ) ~ ~ ~ e m o o r u .

~ ~ ~ ~ ~ ~ ~ , e , ~ ~ ~

✓ Le-zyl R h n q n!

o l, D! z ~ r s k l

z - z s t e n s o p n!

f z, e u l ~ z i n b

z s t h z, z e n t e n,

z s t h, e r z e p b.

z b - z h, e r z b

z b - e z z p o o n,

z m d n k b

z p s ~ p p ~ l z b,

z ~ a j e ~ l o n n.

— x! — x! — x!

— x! — x! — x!

— x!

— x! — x! — x!

— x! — x! — x!

— x! — x! — x!

— x! — x! — x!

— x! — x! — x!

— x! — x! — x!

— x! — x! — x!

— x! — x! — x!

ant)erwe!

-es! co)elzln?

o)el, v)el!

co-es? co'esyerz?

no)el, m)el.

v)el - mel?

v)el, - le)el,

- le)el, mel!

z)el - mel?

- 26 ~ nur 2,

o<sup>st</sup> e l e ~ 1/10!

- 2020, Da - ~!

1, 2, 3, 4, 1/10.

2/3 lo. (n/d)

1/10 b ~ ~ ~

6:

P! P! ~ ~ ~!

2/3 lo.

2 ~ 20 2 2,

120 C 2 2 ~ 2.

2 2 ~ 2 2,

1 2 ~ 2, 2 2 2;

1 2 ~ 2 2,

2 ~ 2 2.

2 2 ~ 2 2.

4:

1 c o / , ° 1 ?

2/3 lo:

W r f ?

2 w r f ~ g j c m ?

e w r ~ b ,

1 r z ~ n o j

- v , c ~ v j g m .

1 2 l l , e r 2 p - e !

1 r y ~ r l , v r ~ x m ~



、ふんぼく〜く-わくぞえ

、

→ ぴい

、ふんぼく〜く

、ふんぼく〜く

→ ぴい

、ふんぼく〜く

、ふんぼく〜く

、ふんぼく〜く

→ ぴい

、

www: (2 1 2)

1 - 2, - 2/2

6 2 2 2 2

- 2 2 - 2/2

1 2 - 2/2

1 2 - 2 2 2

2 2 - 2 2 2

2 2 - 2 2 2

6 2 2 - 2 2 2

- a ~ n d z l

z l g ~ e h,

z g w e o l

~ z e n d n.

- r ~ p i e x,

~ d ~ t e z o i

~ z r ~ p x,

~ d ~ h e e.

→ o、n / f h u,  
f d、o f d / R ✓,  
2 d e o o r h u,  
~ d h / p ✓.

、o o v r n h e,  
、h r n r,  
r r n f h o e,  
e r s<sup>2</sup> z o n n.

e / g e ' d f h,

h / j u o y

- c u l ~ z ~ m ~ h

z h i l y.

\ o ~ g f, h u

- o ~ u h o r,

' z ~ h p o ~,

h ~ u ~ l h u.

o v h i ~ f, ~ n e  
~ p w - w e z n b.

o ~ v e z ~ n b ~ z z?

1 z o d ~ y p ~ f.

- i d c e n i ! c o v c . v o o ?

f U b h e o ~ b e,

- v ~ y p e s.

e s v ~ z o <sup>h</sup> n v e

1 e v c, 1 v - s!

c o . e ! z 1 n z n ! z s,

— 0 2 1 2 n / p 2 !

~ z ! 2 2 ~ / e h

n 2 6 l u n 2 .

o 5 v , n g ?

o n , 2 ~ p n ?

o ( y ) e r s - 11 ~ g 2 .

c 5 , ~ 2 c n !

u o 2 2 ~ 2 y 2 2 .

o 2 2 2 ~ 2 , 2 o 2 ?

e . c . e o 2 ~ 2 ,

~ 2 2 2 2 2 ;

2nd 2nd 2nd.

2nd,

2nd

2nd. 2nd!



# SPAZIERGANG

Uz pms - rmc.  
j ruf lo.

uf lo.

u en g h M! U r 2 u f

u M!

1 — 1, 1 d co no, e P o l 2

u M!

4:

co 2? com 10 per — 0?  
— m 10 1 2 2 2 2!

2/3 10:

1 2 2 2 2 2 2 2 2 2  
c 1 6 m 2 2 2!

4:

2) 0 0 2 2 2 2 2?  
p 2 2 0 2 2 2 2!

als lo.

ent  $\rightarrow$ ;  $\sim z$ , l W n p l,

$\sim$   $\sim$  l 20 p l!

1, 2  $\sim$  d e e r j z

2 l b i r z  $\sim$  j z

1, 5 z  $\sim$  l u p,

z l r r p u

- l o r t e r z  $\sim$ ,

r e e r z  $\cdot$  e l h i;

-  $\sim^2$  z e r j, b r,

e e l f o n a.

»~ √e«, √b, » √lo 2

√l, o, √s e u.

— √ 2 2 2 2 2 2 2 2 ;

' √ 2 2 2 2 2 2 2 2 ! «

√h √ 1 ~ √lo 2,

• 2, √b, ~ √p 2,

- √ 2 2 2 2 2 2 2 2 ;

√ ~ √ h √ 2 2 2 2 2 2 2 2 .

√ 2 2 2 2 2 2 2 2 ~ √ h √ 2 2 2 2 2 2 2 2 ;

√ 2 2 2 2 2 2 2 2 ~ √ p 2 2 2 2 2 2 2 2 ,

p) ~ √ h √ 2 2 2 2 2 2 2 2 .

\rho: » — ~ \rho!

а 5001, \rho.

1, \rho \sim \rho \rho,

2 \rho \rho \rho

- \rho \rho \rho \rho;

1, \rho \rho, \rho, \rho \rho,

\rho \rho \rho \rho \rho.

6:

e \sim \rho \rho \rho,

\sim \rho \rho \rho \rho \rho.

2/3 lo:

1/2 ~ 1/3, 1/4 ~ 1/5,

1/6 ~ 1/7,

1/8 ~ 1/9,

1/10 ~ 1/11,

1/12 ~ 1/13,

1/14 ~ 1/15.

4:

- 1/2?

Uf. Co.

$\sigma \sim \rho^2$

$\omega \subset \omega, \omega \subset \omega \sim \omega$ ;

entw.  $\beta \in \omega - \omega$ ,

$\omega \sim \omega; \omega \cap \beta$ .

Uf.

$\omega \subset \omega \subset \omega$ .

$\omega \subset \omega \subset \omega \subset \omega$ !

$\omega \subset \omega \subset \omega$ .

uf. 60:

— 4, 2 miso nry!

4:

— 10, — 16 nry nry,

2 nry nry!

— 1, 4, 6 — 10,

— 12 — 14 22!



2/3 Leo:

h, 2000 n, 1200 m.

Q. n.

2/3 Leo:

— ~ ~ ~ ~ ~

1000, 2000 - 1000

1/2 1/2 1/2 1/2 1/2.

n.

# DER NACHBARIN HAUS

WD: (—)

21 y 2' 2 2 2 2 2,

1 2 2 2 / C p!

21 es fo 2, d 2

- b 2 2 2 f s e.

2 2 2 2 2 / 2 2,

2 2, C 2 2, 2 2 2 2.

6 C 2.

f. 2 2 2! 2 2 — C! 2 2

$\rightarrow \sim \sim \sim$ !

$\sim \sim \sim$ .

$\sim \sim \sim$ :

$\sim \sim \sim$ !

$\sim \sim$ :

$\sim \sim, \text{CO}^{\text{dof}}$ !

WWT:

bb ~ v, ~ r!  
es be, ~ ~ rbe  
~ ~ f, ~ ~ f,  
- ~ ~ ~ ~ ~  
✓ ✓ ~, ~ ~ ~.

WWT:

erob / ~ ~ ~;  
✓ ✓ ~ ~ ~ ~ ~.

www:

Dob! Džb!

www: (y/65)

— g'no' w!

www:

el p, e, /s' rō  
Zi'nt' rōz. o.

WP:

$\sim r_4 \rightarrow \theta, v, x,$

$- n \sim z, x, z, n, i;$

$g \sim g, h, n^2, g, x, n, x,$

$r, z, i, l, e, n, i;$

$- e, n, i \sim n, o, n, i \sim b,$

$c, n, o \sim n, o \sim n, o, n, i$   
b.

$\sim n, h, b, i, l, e, n, o, n, i;$

$i, n, o, c, l, n, n, i, n, o, n, i.$

www:

ant →, verb form?

-n/j/2 form!

-n.

www:

Dr! ver 20?

WP: (e ~ n ~ ve)

i ~ her ~ m ~ 2!

df lo 115.

df lo:

v ~ l, le 2 p m,

wo ~ h y 2 i m.

h ~ m ~ w ~ p.

— f D h w s g e t h e !



WP:

1.  $\cos \theta = \frac{a}{b}$

2.  $\sin \theta = \frac{a}{b}$

3.  $\tan \theta = \frac{a}{b}$

4.  $\cot \theta = \frac{b}{a}$

5.  $\sec \theta = \frac{b}{a}$

6.  $\csc \theta = \frac{b}{a}$

wp: (A)

$\ln, \sqrt{e}, z \rightarrow z' \cdot d!$

$\cdot z \cdot p \cdot l \sim L \cdot z!$

wp:

$z \cdot v \sim n \cdot o \cdot h \cdot o \cdot l \cdot i$

$D \cdot z! \cdot z \cdot z / 4:$

$z - \beta e^{z/2}$

ulfo.

D, / 1' z -

62 ~ 60, ~ 6 -

o L, v, e, u, er.

ur.

o L, er? u o

ulfo.

1 - , 1 - L u r !

1 2 l, 6 b v b e / u:

12.11-6610.

W.D.:

• 12.11.21. 21. 10!

22.11.10. 10!

W.D.:

12.11.21. 21. 10!

ulf lo.

— 2√, 4√ p!

wmt:

1 2 2 2 n' / m,

\* P b / e m.

ulf lo.

Le 20 e, e 20 Le 2.

WP:

$f/v \circ \circ \circ \circ \circ!$

W/L:

$\sim H_2 C_{25} H_{50}$

$\sim H_2 C_{25} H_{50}$

$\sim H_2 C_{25} H_{50}$

$\sim H_2 C_{25} H_{50}$

WP:

2100019 ~ 210000?

WP:

h, - u, 20-gi:

06041 ~ 2000000!

R 2000000.

WP:

co! 1 ~ 2000000 ~ 2000000?

co! 2000000 ~ 2000000

gl,

sympson act,

- 4 2 1, 4 4!

uly lo.

200, - 4 2 2 2 2;

~ 2 0 2 2 2 2 / gl.

0, 4 2 0 2 0,

4, - 4 2 0 2 2 2 2.



www:

D! e, 2, 3 — p<sup>2</sup>!

p, 1 — l ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9 ~ 10 ~ 11 ~ 12 ~ 13 ~ 14 ~ 15 ~ 16 ~ 17 ~ 18 ~ 19 ~ 20 ~ 21 ~ 22 ~ 23 ~ 24 ~ 25 ~ 26 ~ 27 ~ 28 ~ 29 ~ 30 ~ 31 ~ 32 ~ 33 ~ 34 ~ 35 ~ 36 ~ 37 ~ 38 ~ 39 ~ 40 ~ 41 ~ 42 ~ 43 ~ 44 ~ 45 ~ 46 ~ 47 ~ 48 ~ 49 ~ 50 ~ 51 ~ 52 ~ 53 ~ 54 ~ 55 ~ 56 ~ 57 ~ 58 ~ 59 ~ 60 ~ 61 ~ 62 ~ 63 ~ 64 ~ 65 ~ 66 ~ 67 ~ 68 ~ 69 ~ 70 ~ 71 ~ 72 ~ 73 ~ 74 ~ 75 ~ 76 ~ 77 ~ 78 ~ 79 ~ 80 ~ 81 ~ 82 ~ 83 ~ 84 ~ 85 ~ 86 ~ 87 ~ 88 ~ 89 ~ 90 ~ 91 ~ 92 ~ 93 ~ 94 ~ 95 ~ 96 ~ 97 ~ 98 ~ 99 ~ 100

2/3 100:

1 ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9 ~ 10 ~ 11 ~ 12 ~ 13 ~ 14 ~ 15 ~ 16 ~ 17 ~ 18 ~ 19 ~ 20 ~ 21 ~ 22 ~ 23 ~ 24 ~ 25 ~ 26 ~ 27 ~ 28 ~ 29 ~ 30 ~ 31 ~ 32 ~ 33 ~ 34 ~ 35 ~ 36 ~ 37 ~ 38 ~ 39 ~ 40 ~ 41 ~ 42 ~ 43 ~ 44 ~ 45 ~ 46 ~ 47 ~ 48 ~ 49 ~ 50 ~ 51 ~ 52 ~ 53 ~ 54 ~ 55 ~ 56 ~ 57 ~ 58 ~ 59 ~ 60 ~ 61 ~ 62 ~ 63 ~ 64 ~ 65 ~ 66 ~ 67 ~ 68 ~ 69 ~ 70 ~ 71 ~ 72 ~ 73 ~ 74 ~ 75 ~ 76 ~ 77 ~ 78 ~ 79 ~ 80 ~ 81 ~ 82 ~ 83 ~ 84 ~ 85 ~ 86 ~ 87 ~ 88 ~ 89 ~ 90 ~ 91 ~ 92 ~ 93 ~ 94 ~ 95 ~ 96 ~ 97 ~ 98 ~ 99 ~ 100

1 ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9 ~ 10 ~ 11 ~ 12 ~ 13 ~ 14 ~ 15 ~ 16 ~ 17 ~ 18 ~ 19 ~ 20 ~ 21 ~ 22 ~ 23 ~ 24 ~ 25 ~ 26 ~ 27 ~ 28 ~ 29 ~ 30 ~ 31 ~ 32 ~ 33 ~ 34 ~ 35 ~ 36 ~ 37 ~ 38 ~ 39 ~ 40 ~ 41 ~ 42 ~ 43 ~ 44 ~ 45 ~ 46 ~ 47 ~ 48 ~ 49 ~ 50 ~ 51 ~ 52 ~ 53 ~ 54 ~ 55 ~ 56 ~ 57 ~ 58 ~ 59 ~ 60 ~ 61 ~ 62 ~ 63 ~ 64 ~ 65 ~ 66 ~ 67 ~ 68 ~ 69 ~ 70 ~ 71 ~ 72 ~ 73 ~ 74 ~ 75 ~ 76 ~ 77 ~ 78 ~ 79 ~ 80 ~ 81 ~ 82 ~ 83 ~ 84 ~ 85 ~ 86 ~ 87 ~ 88 ~ 89 ~ 90 ~ 91 ~ 92 ~ 93 ~ 94 ~ 95 ~ 96 ~ 97 ~ 98 ~ 99 ~ 100

www:

D ~ e ~ 2 ~ 3 ~ 4 ~ 5 ~ 6 ~ 7 ~ 8 ~ 9 ~ 10 ~ 11 ~ 12 ~ 13 ~ 14 ~ 15 ~ 16 ~ 17 ~ 18 ~ 19 ~ 20 ~ 21 ~ 22 ~ 23 ~ 24 ~ 25 ~ 26 ~ 27 ~ 28 ~ 29 ~ 30 ~ 31 ~ 32 ~ 33 ~ 34 ~ 35 ~ 36 ~ 37 ~ 38 ~ 39 ~ 40 ~ 41 ~ 42 ~ 43 ~ 44 ~ 45 ~ 46 ~ 47 ~ 48 ~ 49 ~ 50 ~ 51 ~ 52 ~ 53 ~ 54 ~ 55 ~ 56 ~ 57 ~ 58 ~ 59 ~ 60 ~ 61 ~ 62 ~ 63 ~ 64 ~ 65 ~ 66 ~ 67 ~ 68 ~ 69 ~ 70 ~ 71 ~ 72 ~ 73 ~ 74 ~ 75 ~ 76 ~ 77 ~ 78 ~ 79 ~ 80 ~ 81 ~ 82 ~ 83 ~ 84 ~ 85 ~ 86 ~ 87 ~ 88 ~ 89 ~ 90 ~ 91 ~ 92 ~ 93 ~ 94 ~ 95 ~ 96 ~ 97 ~ 98 ~ 99 ~ 100

ulgo:

$\rho / \sim \rho, \sigma \sim \rho.$

$\rho \sim \rho \sim \rho,$

$\sim \rho \sim \rho \sim \rho.$

wwt:

$e \cdot \rho \sim \rho.$

ulgo:

$\rho \sim \rho \sim \rho.$

2nd:

g/v e!

2nd:

1 g e ~ o r g u u,

- a c o u o s v,

S z u f f; ~ g u o r b

- b e, e, c u n d s i f t ~

»o«, l, »o, v s h e o z o,

~ u p u, u c ~

o!

D, i v'j v v p

v b v t j r m! «

v p: (c c)

v v! r r d m.

v f c.

» v, c o v! b c v j e o r. «

2nd:

e p ! co ! n v e o h o j m !

2nd:

\ h t p z f j m ;

c 1 - 2 d ~ m v :

» 1 v « , p , » / j j m j m

h v e ; - e l l o j m ,

- l p e o b ;

- d / m m v z h o . «

2nd:

2, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,

11, 12, 13, 14, 15, 16, 17, 18, 19, 20.

2nd:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10,

11, 12, 13, 14, 15, 16, 17, 18, 19, 20,

21, 22, 23, 24, 25, 26, 27, 28, 29, 30,

31, 32, 33, 34, 35, 36, 37, 38, 39, 40,

41, 42, 43, 44, 45, 46, 47, 48, 49, 50,

51, 52, 53, 54, 55, 56, 57, 58, 59, 60.

es ce' d' h' r' m,  
- 1 q' e' D, 0] p',  
2 c' 20° L' es. «

wp:

1 d' 1 c' 2 0 f' m?

df lo:

a c' 0, c' m' 1 f' 0 2.  
~ 2 0 L' m' 0 ~,  
0, 2 ~ h' e' r' p' p' ;

63 ~ R f 10 - L 20 / 2,  
e 0 ~ o o d' r e p t.

WP:

'zr! 'e ~ o ~ r e m!

D e o r e, e ~ 1

r / o y e. m e m!

Wf Co:

h o t! e l' ~ m t.

e ~ m t / ~ r e g,



Uz/1 ~ ~ f' h,  
So erk D ~ ~ z ff.

WP:

Dz! o d z h a,  
be, / N s o d ~ h!  
- d ~ ~ z f ~ ~ h o.  
- d ~ ~ e f ~ ~ o e n  
- he ~ ~ - he ~ ~  
- e M o l y.

2/3 Leo:

~ ~ ~ ~ ~ d ~ ~ ~ ~ ~

c ~ ~ ~ ~ ~

So ~ ~ ~ ~ ~

1 2 ~ ~ ~ ~ ~

Do 1 6 2 ~ ~ ~ ~ ~!

2/3:

~ ~ ~ ~ ~!

ultra: (l)

~D, P, S P!

1, 2, c ~ L b v c d.

JW.

o g - e n n z y ?

www:

co w \ n e ?

ulf Leo: (l)

ly 24, 2008 ~ 20!

1.

100, 100!

www:

100!

www:

100, 100!

100, 100 ~ 100, 100,

c, o - a ~ y f u - u.

1 v s t' r y l e p o;

2 l, r D V P C u e h o.

u f l o.

h, z b, p f u f u v e

' e n c a, c v r e;

2 2 u ~ h u p u;

~ - 1 f ~ u f u.

1 u ~ o.

wp:

— 4 e h!

uf lo:

— x, Lh: Des?

~ U m! : f p b,

L o e s l e s b.

wp:

∫<sup>2</sup> x<sup>2</sup> p<sup>2</sup> a.

2/3 lo:

u r r r r' r.

2/2:

es 2<sup>2</sup> 2<sub>0</sub> 2 2 2 2

— 1' 2 2 2 2 2 2.

# STRASSE

cf. vlf Leo.

cf:

o p? → l em? → u l n??

vlf Leo.

o k! l e, n l s?

z v g f. W h — si

z v e l b l d i w h o i:



e ~ c o o o

f r e i - f r e i !

U:

— √!

U: Co.

e' D c o s t u w.

4:

~ erd. c. h w.

2/3 Leo:

1. m ~ v f w o r,

e n o r r n e p r t z h

z l e s s ~ z i n g z ~

4:

o n r ! r c h , v o v h v o !

उत्तर:

मन्त्रोत्तरं प्रोक्तं  
यत्किञ्चिद्, अत्रोक्तं.

५:

८. प्रोक्तं, अत्रोक्तं.

उत्तर:

— अत्रोक्तं, अत्रोक्तं!

— अत्रोक्तं, अत्रोक्तं,

अत्रोक्तं, अत्रोक्तं?

$\omega \wedge \int \omega, (d - c_0) \text{ or } \omega d,$   
 $\int \omega \mu, (c_0) \text{ or } \omega \sim \omega d - \omega \mu$

$\omega d,$

$\omega d \sim \int \omega \omega \text{ or } \omega \mu?$

$\int \omega \mu, \text{ or } \omega d?$

$\int \omega \mu \text{ or } \omega d,$

$\omega \wedge \omega, \text{ or } \omega d - \omega \mu,$

$\int \omega \mu \text{ or } \omega d!$

4:

e, b - b ~ m, ~ o b.

2/3 Leo:

h, c r o l ~ b h b.

e r m', z e m,

e r h l u

- e o r t r z m?

4:

- zu S. 29.

2/3 Leo:

2-2-2!

ein S. 29 L. 2-2,

S. 29 soll in K. 2

'e D. - S. 29 2.?

4:

oe! - ! m c, affe,

leß, leß

Dnd, ~ be,

er, c, 2 er 6 z l,

Der 2 6 c ~ 2 l,

- 9 2, S' 1 l,

re, D, D ~,

• e ~ L G M g?

2/3 60:

1 2 3 4!

4:

2! 2m 0 9 m

1 4 0, - 2 2 2 m:

2 2 2 - - 2 2 2,

2 2 2.

- 2, 1 2 2 2 2,

2 2 2, 2 2 2.



# GARTEN

wurde ~ l' n,  
wurde ~ l' o s - r g r e .

wurde:

1) b, c, e, p, r, z, z, z,

2) b, p, y, z.

~ r e - f u d,

o r l y r e ;

1) c o, z, e, l i n e

~ n p | h n.

q:

~ w s e, ~ c d u h l

o e c g r d.

~ b n x.

w w t:

~ w e t s l o a d r b

~ o ?

b : w ; : ~ v !



- erl d n n r / u w!

WP:

z y p h n v c n

- r r l p i d j f h;

o n v i u o y z,

- ) o n f y e n j h j z h;

e o n n r c y h.

2f lo:

2f o r e s c ~

2f:

2f, c, r, u, m, s, f ~

2f ~

2f:

2f, e ~ 2f, e ^ 2 f ~!

1, 2 f, s, f, b, i;



4:

D, e, l, e, p, e

76 - m z m c v m!

e e y v, i z b m

v m d t r m m

www:

e v t r v m w h t,

i c f m r j l e m z.

Q:

^ l c f e n ?

WWT:

h, i of. → m,

- d - b o z o o.

12 ~ m; 20 ~ h, h,

fu

- ~ h - h p - g;

- ~ m i z e n g u

- ~ n !



1 e b 4 - 5 ) ~ f u n 2 ;  
1 ~ 5 c / s i o t i n i :  
2 ~ h a t ~ 2 y u n ,  
~ 2 h - ~ 2 h ~ i g d .  
0 2 1 h - p u g n :  
2 l e i o n e l ,  
2 z o h . v .  
1 4 2 2 ~ c c ~ 2 h ~ ;  
0 2 ~ 1 m ~ 2 ~ e ~ e ~ e ,  
~ h a v e n e .

4:

~ ~, c e p .

www:

1 f 1 - 5, - 2 y . N - p .

- a n d r o h o l e p u .

1 2 2 2 1 e m ,

- s e c b e r o n ,

- b e t t e r o n e , n - n .

e n t b o n t e m ,

e n c o r b e h u ,

— y r b o y —  
z v p — c o , — c e z  
s z z n , z z z o  
c o l e , p t , c e l o .

U:

e z p e n t z p e i

w w t:

e n p e n t z p e i  
o n n e p e j n

~ 2 2 u; - e - l t n ) m,

a, d;

u e 2 6 P h m, u e - j v m

u e, 6 / g, S u g r

- h p e z i n m s - r r z,

- P a n g r a c h t f i;

e s <sup>2</sup> w l - <sup>2</sup> x e o m,

- m l o z, - z m.

e r a, z z, / m v j;

o z l e e o, z l, v.

22. 4.

22:

1. 22 22 22 22 22:

~ 22 22 22 22 22.

22 22:

1. 22 22 22 22 22,

22 22 22 22.



ulgo:

u v p s r z l q u.

u v:

1 ———— ↗  
u: u v ~ u v z ———— r z y u?

ulgo:

z h° u) ~ f z' / z y u.

WP:

D, r g v P!!

Uf lo:

e h v z y e!

e, r g m e r o v m e.

v' x.



Q:

$\epsilon$   $\sim$   $\rho$ ,  $\frac{1}{\epsilon}$   $\sim$   $\rho$ ,  $\epsilon$ ,

$\rho_{012} \sim \rho_{012}?$

WW:

$\sigma \wedge -1, 1, 2, 2^p$ .

Q:

$-\epsilon$   $\sim$   $\rho$ ,  $\rho$ ,  $1, 1, \rho?$

$\omega$ ,  $\rho$ ,  $\rho$ ,

$\rho$   $\sim$   $\rho^2$   $\rho$   $\rho?$

www:

1.  $\frac{1}{x^2} = x^{-2}$ ,  $\frac{d}{dx} x^{-2} = -2x^{-3}$ ;

$= -\frac{2}{x^3} = -\frac{2}{x^3}$ .

$\frac{d}{dx} x^{-1} = -x^{-2}$

$\frac{d}{dx} x^0 = \frac{d}{dx} 1 = 0$ ?

$\frac{d}{dx} x^1 = 1 \cdot x^0 = 1$ ,

$\frac{d}{dx} x^2 = 2x^1 = 2x$ .

$\frac{d}{dx} x^3 = 3x^2$ ,  $\frac{d}{dx} x^4 = 4x^3$

$\frac{d}{dx} x^5 = 5x^4$ ,  $\frac{d}{dx} x^6 = 6x^5$

$\frac{d}{dx} x^n = nx^{n-1}$ ;

$\frac{d}{dx} x^0 = 0$ ,  $\frac{d}{dx} x^1 = 1$ ,  $\frac{d}{dx} x^2 = 2x$ ,

e, s / u o a n t.

Q:

p, h!

WWT:

b ~ r!

o p d — g u e r — p o , u h r , ~

D<sup>2</sup> h.

Q:

$\cos^{\circ} e^{\circ} \sim f_0^{\circ}$

WWT:

$\sim, -^{\circ} \rightarrow \sim f.$

Q:

$\sigma^{\circ}$

www:

$\mathbb{N} \setminus \mathbb{N} \setminus \mathbb{P}_o$

$\mathbb{N} \setminus \mathbb{P} - \mathbb{N} \setminus \mathbb{P}$

Q:

covered?

www: (2 step)

$\mathbb{N} \setminus \mathbb{P} \sim \mathbb{N} \setminus \mathbb{P}$

4:

es 2.0 2.0 2.0!

www: (L/P)

N P m / m N P m / m

e f u o l o, 2 2 e L e.

\ N P!

4:

h, 2 n r e! o o u e d

e r z n e f) o. \ N P!

фб е, со ед? \ N ед!  
\ б ~ в ~ г ~ д.

www:

р ~ л!

ф:

— ж! \ о ~ у,

о ~ э ~ е ~ и

со фд:

г ~ м ~ н ~ р ~ с

16, 1, 10 20!

10! 10 10<sup>8</sup> 10 10

10, 10 10! 10 10!

10 10 10, 10, 10) 10 10

10, 10 10 10 10, 10

10 10.

WP: (10 10)

10 10 10.



ulgo:

h, r — p.

wp:

1. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,

13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23,

24, 25, 26, 27, 28, 29, 30, 31, 32,

33, 34, 35,

36, 37, 38, 39, 40, 41, 42, 43, 44,

45, 46, 47, 48, 49, 50, 51, 52, 53, 54,

55, 56, 57, 58, 59, 60, 61, 62, 63,

ulf lo:

• ~ n e / g l n .

2<sup>2</sup> o u s !

wp:

\ z / r p n .

ulf lo:

- b R D . e \ l \ d .

# EIN GARTENHÄUSCHEN

wurde f 2, f 1) 2/1, v;  
2/1, b, g, n, k - 2/1, p, f.

wurde:

wurde!

U: (w)

D, z, n, — über v!

U, v!

$\sim \sqrt{b}$ .

*www*: ( $\sim b^c - \sim no\ pvc$ )

$\sim \sqrt{w!}$   $\sqrt{2y} \sqrt{1, \theta!}$

$\sqrt{b} \sim \sqrt{b}$ .

*q*: ( $\sqrt{pvc}$ )

$\sim \sqrt{e!}$

2/3 Co.

2/3 Co!

2/3:

~ 1/2!

2/3 Co.

1/2 Co. 1/2 Co.

WP: (n/d)

$h_1 - j_1, 2, 2$ .

Q:

ent,  $\rightarrow$  /  $\rightarrow$  ?

WP:

$1, 2, 2^x, P, m, d, c!$

4:

20, 22?

NC!

WD:

e!

WWT:

5 6 7 8 9!

4 - 2 3 4 5 6 7 8 9.

www:

g h 2 1! co — ~ 2

1 co, co l m n!

g h — p, ~ p e s

- a / e b h.

v d ~ n p b n c,

n h /, co, ~ v b d.

n.



# WALD UND HÖHLE

4.

sin 26, 4 w v, w v so,

cu, u. 4 v / w d

e n p l s p r.

w v, s, s, j, r, d,

ll, b, b, j, p, o. |

w f r e u w e t,

s b v, z r d u

o z ~ u s o l e j z i

es bl, s' von

— v u — d p r l e

R g u y, z ll — c o m m.

— c' g r n c e l l — m n,

, v o l l g e n d e

— d u r c h E y e v f l

— m e e z z. d e n t,

e l t e r p / b u z z, f d

v e r b, — z m u l l

p r d c e n t u r).

— g t v v i n z e

coll<sup>re</sup> x<sub>3</sub>, zu v

Stellen, e<sup>2</sup> l<sup>2</sup> h<sup>2</sup> y

~ abtumpft

-ren M<sub>3</sub> f. d.

- e<sup>2</sup> u<sup>2</sup> i<sup>2</sup> u<sup>2</sup> o',

g<sup>2</sup> e<sup>2</sup> u<sup>2</sup> j<sup>2</sup> c<sup>2</sup>,

v<sup>2</sup> ~ 2 u<sup>2</sup> s - ~ 2 u<sup>2</sup>,

v<sup>2</sup> ~ f<sup>2</sup>; ~ 1/2

u<sup>2</sup> c<sup>2</sup> v<sup>2</sup>, u<sup>2</sup> - v<sup>2</sup>,

v<sup>2</sup> ~ v<sup>2</sup> v<sup>2</sup> - j<sup>2</sup>,

2 r c d, e n o l.

、P r r 4 ~ o o l s

D L r z n v e p l ~.

— h, s u r e / p o,

— R p o g l, ~ D u r e.

u f l o n s.

u f l o .

o r ~ e e e n z, p l ?

o r o ~ z, ~ l z ?

i. c. 2, e 2 ~ r. L  
e n E / c ~ i!

U:

1. —, e — r. L,  
o p r n / c.

U. L.

~ i, ~ i, o p r n ~,  
e e r v / r n d o.

~ e p ~, p. e, U y - L.,

•  $\cos \omega t / \omega$

$\sim \sin \omega t, \omega$

$\cos \omega t - \cos \omega t^{\circ}$ ;

$\sin^2 \omega t \sim \sin \omega t$

④:

$e \sim \sin \omega t$

$\sim \sin \omega t, e, \sin \omega t$

2/3 Leo:

o / e, u r o n

e n → P/W?

S r o r o r o r

o, e, e, e, e, e, e;

- e, e, - e, e, e

S r o r o r o r.

o, e, e, e, e, e, e, e

e, o, e, e, e, e, e?

o, e, e, e, e, e, e, e

o, e, e, e, e, e?

~ zur, 0 f M!  
er gl'e 2 R.

6:

geb, colns soll

v r oc i' e gl'?

h, <sup>so</sup> e, ~ ~ ~,

e, c b l' i', ~ ~ v / j

z ~ ~.



2/3 Leo:

~ 800 m.

~ 10-45 ~ 100 m

- 10-20 c. 100, 100,

1-2 10) 100, 100,

100 m 100, 100,

100 m 100, 100,

100 m 100, 100, 100,

100 m 100, 100,

100 m 100,

100 m 100



- 2, 12 Re 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

2, 2, 2, 2,

0 Spjuz ~ De st;

426102y p 0;

~ e De 00.

Deut, yz cern / L,

p' 220 2 2,

e n h h 4

l o k j u u.

1 f' 1 u u u;

6 g n l d, 0, c m y

8, 1 f g / 2 2.

»c 1 ~ L n c ! « — 2 1 ^

ρ

nr, 2d nr.

nr, 2b nr,

nr, 2d nr,

nr, 2d nr,

-nr.

6:

nr! nr!

2/3 6. (l)

2! e, e l

6:

2! e, e l

- 2! e, e l

l, l, l, l

l e, 2! e, e l



уф.ко:

20, 20, 20, 20, 20, 20

20

20, 20, 20, 20, 20.

уф:

20, 20

уф.ко:

20, 20, 20, 20, 20.

20, 20, 20, 20,



mit 2 ~ ed ul,

Ob, p, q, r, s.

→ l, i ~ 2 ö h!

1 d ~ 2 o h o n,

1 k ~ 2 l e.

4:

co, p, q, r, s, t, u, v, w, x, y, z?

o, p, q, r, s, t, u, v, w, x, y, z!

o, p, q, r, s, t, u, v, w, x, y, z?

o, p, q, r, s, t, u, v, w, x, y, z?

\(\rho\_j \rightarrow j^{-1}\),

\(\sigma \sim \sigma\_j \rightarrow j \text{ le } j \text{ le } 4\),

und die D<sup>2</sup> der j?

-  $\sigma_j, 2 \text{ le } j \text{ le } 6$ ,

$\rho_j \rho_j^{-1} \text{ le } j \text{ le } 6$ ,

-  $\sigma_j \rho_j \sigma_j^{-1}$

der  $\rho_j$  und  $\sigma_j$ .

-  $\sigma_j \rho_j \sigma_j^{-1}$ ,

$\rho_j \rho_j^{-1}$ ,

$\sigma_j \rho_j \sigma_j^{-1}$

-  $\sigma_j \rho_j \sigma_j^{-1}$ !

b, m l k r p, s k u!

e, z u, v o q l z.

x l, l, v, f, n w y.

c o r o p u, v a z p u!

v r p s v g g y

- b z v s t e v i!

u f l o.

c o e s l, e v!

v ~ - l o b, e y l!

c ~ ~ ~ ~ ~ m

o,

f. - ) 2 3 e r e ~

- n, a ) l h 2 !

e, b d o d - f u ~ f l l.

i n z v l e, s ` d

o ~ l, f l l.

# GRETCHENS STUBE

Wh: (A girl, ~)

✓ ~ 2,

~ 2y'z;

1 be 6 ~

- ~

c 1 ~ / 2,

• v e h,

1 2y d

• v r l.

z r n l

• v r l,

z r n l

• v r l.

z r n l,

z r n l,

z r n l

- z r n l.

$\mathcal{D}R \rightarrow \mathcal{H}^1$

$\int \mathcal{L} \mathcal{D}z_0$

$\mathcal{D}R \rightarrow \mathcal{V}^1$

$\mathcal{D}^2 \mathcal{D}_0$

$\mathcal{O} \mathcal{Z} \mathcal{Z} \mathcal{N}$

$\mathcal{O} \mathcal{L} \mathcal{F}$

$\mathcal{O} \mathcal{V}_0 \mathcal{L} \mathcal{N}$

$\mathcal{O} \mathcal{Z} \mathcal{F}$

- o ^ e

hlo,

o xch,

- D! o ~o!

z ~ 2,

z ~ 2y' z,

1 be b ~ h

- ~ h.



2 4 2

$\int \sim D R_2,$

$D e r l_1, l_0$

$- 2 \sqrt{r_1}$

$- \sqrt{\sigma r_1}$

$\frac{1}{\sigma_1} \frac{1}{\sigma_2}$

$\sim \sigma_1 \sigma_2$

$m!$

# MARTHENS GARTEN

wms. G.

wms.:

Pv, 2nd!

G:

com!

www:

~ 0, 0 0 0 2 2 \ \ \ \ \ ?

0 0 ~ 2 2 2 2 2,

~ 1 2, 0 2 2 / 2 0.

6:

0 0, 2 2 2 2! 0 0 0, 1 0 0 2;

0 2 2 0 0', 2 - 0,

- 2 0 0 0 - 0 2 2 2

www:

e. / √, 20 20 20

Q:

20 20?

www:

D! c, k o s p n!

e s D / 2 2 0 n t.

4:

1 ~ b.

www:

o → w.

120, 120, 120, 120, 120, 120.

20/120 ~ 20?

4:

20, 20, 20, 20:

120 ~ 20?

vd to a c o h,

- ~ x / z / → f /

s ~ h / o ~

www:

— z / e / ?

Q:

vβ → v1, e2 eo ~ b!

a e l ~ m?

- a l ~ m:

» 1 2 ~ ! « ?

c after,

- ) b c

Jon: » 1 2 ~ ! « ?

\\_ b o,

\\_ a d,

b o - a d \ /

e p, v p, ) b ?

c d ) \\_ a / e e e ?

d, r e / a \\_ b ?

- g n b e u e

2/21/25?

2/21/22 20,

- 2/21/20

2/21 - 2/21 20,

- 2/21 20 20

2/21 20 20?

2/21 20, - 2/21;

- 2/21 20 20,

2/21, 2/21,

2/21! 2/21! 2/21

12 20 20



el! β: eo;

~ r: ze - D,

~ r: ze - D.

~ r: ze:

e: eo ~ r: ze - D;

~ r: ze - D,

~ r: ze - D.

Q:

- 0 0 0 0 0 0

- 2 2 2 2 2 2 2 2

0 0 0 0 0 0

0 0 0 0 0 0

WWT:

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0

Q:

$\rho \sim \sqrt{C}$ !

www:

$-4v \sim j \sigma$ ,

$e_1 \rho_2 \sim p / \sigma$ .

Q:

$\sigma \sim ?$

www:

\ 2y, ~ 4 es l e 2,  
• v z h n i o s b;  
- 2 v z 2 2 n  
— 9 ~ p 10 2 y m  
o ° 2 y n e p l.

6:

u G, b n ~ !!

www:

o m d u d v e y.

1 v o d e n z g u 4;

n c 1 v o n, e p j z u,

2 1 ~ 2 z g u ~ 2 z u z u,

- 2 d ~ l ~ z n e y!

2 1 y v, c 1 n n 4!

6:

- 2 0 1 2 ~ z u.

www:

— 1/20022222!

~ 1. ~ 2. / 12,

0. 12 — 1222

— 22 12;

20, 1. ~ 122222 12;

— 122 ~ 122222;

e. / 12 — 0. 12.

v<sup>d</sup> — 1. 222222,

— 12, — 222222,

— 0 1222222222.

4:

$e \sim \text{you} \sim e!$

www:

$e \sim \text{P} \sim \sigma,$

$e, c \sim \text{v} / \text{sh},$

$\sim \text{v}, \text{v} \sim \text{P} / \text{v}.$

$D, c \sim e; \sim \text{v} \sim \text{sh},$

$-e \sim \text{v} \sim \text{zy} \sim;$

$e, \text{P}, \text{v} \sim \text{D} \sim \sigma.$

4:

92 ~ 100!

www:

120 ~ 1.

4:

10 ~ 12

~ 100 ~ 100 ~ 100 ~ 100

- 4 ~ 4 - 10 ~ 10 ~ 10?



www:

DC,  $\rightarrow$   $\sim$   $\phi$ !

$\rightarrow$   $\rho$   $\sim$   $\mu$   $\rightarrow$   $\rho \sim \rho$   $\phi$ ;

$\partial$   $\sim$   $\mu$   $\phi$   $\parallel$   $\phi$ ,

$\rightarrow$   $\sim$   $\rho$   $\sim$   $\phi$   $\phi$ ,

$\rightarrow$   $\sim$   $\rho$   $\sim$   $\phi$   $\phi$   $\phi$ !

6:

$\rho \sim$ ,  $\rho \sim$   $\sim$ .

$\rho \sim$   $\phi$ !

$\rho \sim$   $\phi$   $\rightarrow$   $\rho \sim$   $\phi$   $\rho$

2. Regel für  $\sim$ .

Wkt:

$\cos 1/2 \text{ent} \sim ?$

$\sim 1/2 \text{ent}!$

U:

$\xi'_{10} \text{od}, \text{Ph}, \text{er} \sim \text{u}?$

www:

o, p, u, v, w,  
x, y, z, A, B, C, D, E, F, G,  
H, I, J, K, L, M,  
N, O, P, Q, R, S, T, U, V, W, X, Y, Z.

1.

1/2 1/3 1/4

2/3 Leo:

2/3 Leo: 2/3 Leo?

2/3:

2/3 Leo?

2/3 Leo:

2/3 Leo: 2/3 Leo,

2/3 Leo: 2/3 Leo;

2/3 Leo: 2/3 Leo.

2/3 Leo: 2/3 Leo,



ulj lo.

es so so so so,

~ ~ ~ ~ ~

U:

es so so so so!

ulj lo.

-, so so so so:

~ ~ ~ ~ ~

~ ~ ~ ~ ~

66, e, 2y6 ~ 24,

Sc. n' L. U.

~ 2 ~ 2 ~ 2 ~ 2

6:

con 60 ~ 2

2y 60:

2, 2 ~ 2 ~ 2

# AM BRUNNEN

Wh - Sh 2 r Sh.

Sh:

295  $\sqrt{Sh}$  p  $\sqrt{?}$

Wh:

m c d . 1 r r c b l z .



Dr:

$\rho, \mu, \sigma, \nu, \tau, \zeta:$

1)  $\rho, \mu, \sigma, \nu, \tau, \zeta:$

e.e.  $\sim \mu!$

Dr:

$\sigma \sim ?$

Dr:

-  $\sigma \sim ?$

$\sigma \sim \mu, \sigma \sim \mu - \nu.$

Wh:

D!

Sh:

— 9 r r e l m.

o r r o b ~ 2 m p m!

e c a ~ p p m;

s e r l - u p l y b m;

2 b s o i d o m;

m ~ r o r m 2 G p h - c m;

u e l ) c o s r m z m ~,

ad - no, ) / j z u,

pu / R y u.

a ~ po ~ fi;

er e De v h er!

Wh:

e r e r!

Sh:

u s / b ~ j u!

c I o R y u a,

5-16, 22/280,

geb. 1860;

5-Minuten-Pechn

ce m ~ fe / r.

es 1860) l m ~,

1860) r h o l!

Wh:

1-16, 22/280.

Dr:

1.  $\sim \sim \sim ! \sim \sim \sim \sim$

2.  $\sim \sim \sim \sim \sim \sim$

3.  $\sim \sim$

Dr:

1.  $\sim \sim \sim !$

Dr:

1.  $\sim \sim \sim, \sim \sim \sim \sim \sim,$

2.  $\sim \sim \sim \sim \sim \sim \sim,$

- zinfür - u!

1.

Wh: (D 2, 30)

o d 1 o d - u z e r,

o d 1 - n o r t h e r!

o d 1 x i b e r

l e t z i g e r!

o r v z y, - z y d u,

v m d / z y z i a,

- o m p - u - l o,

-v m b' b' w o!

o m e o, c o y v p k,

v! a - y! p, a - k!

# ZWINGER

z' z' z' ~ Ab' ~  
e ~ o, b ~ a.

W g l b ~ z ~ r.

D ~ r,

e z p ~ r,

e d r ~ r ~ r!



e z / R z y,

2 4 e z y

w b s / e o o o L e.

f s u w b e s,

- o g y z b e s

2 s 2 o ' - e ~ 1.

a b 1,

o o 1

' z y v R p ~ ?

coz no 2y 2 v, 1,

co- $\mu$ , co v, 1,

o  $\rightarrow$  e,  $\rightarrow$  e - !

o 2,  $\mu$  v

o o, o o, o o

'v  $\mu$  v 2!

1 v,  $\mu$  v - ,

1 c, 1 c, 1 c,

e 2y  $\mu$  v.

1.  $z \sim z \sim \text{hd}$

$u_1 \sim \text{L}, D!$

$o_1 \sim \text{R} \sim \text{R}$

$e \sim \text{R} \sim D.$

$z \sim z \sim \text{R}$

$1 \sim \text{R} \sim \text{R},$

$o_1 \sim z \sim \text{R}$

$z \sim z \sim u_1 \sim \text{R}.$

2d! ~ PSp - Le!

D ~ 2,

g z p ~ 2,

e ~ 2d ~ 2 ~ 1!

# NACHT

fo ~ Wo ~

*Lern* o ~ el, Wo lei

c, — o ~ l ~ r, p,

c ~ h ~ j ~ w ~ v,

—, p ~ v ~ l

~ v ~ h ~ j ~ fo ~,

~ r ~ z ~ o ~ e ~ r ~ g ~ l,

~ u ~ t ~ n ~ g ~ l,

о, 1, 2, 2, 2, 2, 2, 2,

2, 2, 2, 2, 2, 2,

- f 2, 2, 2, 2, 2, 2,

- 2, 2, 2, 2, 2, 2,

- 2, 2, 2, 2, 2, 2!

и: 2, 2, 2, 2,

, 2, 2, 2, 2,

, 2, 2, 2, 2, 2, 2, «

2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,

, 2, 2, 2, 2, 2, 2,

6, 1, 2, 2, 2, 2, 2, 2, «

es ist ein sehr  
- nicht mehr zu sehen  
- nicht mehr zu sehen!  
2. Punkt, nicht  
° der ganze Prozess!  
° der ganze Prozess  
unter dem Prozess!  
- nicht mehr zu  
nicht mehr zu sehen.

com 2? coz 2x?

1/1, -2 Mj.

• 2/2 1 1 1 1 1

o/w 1/1 1/1 1/1

6. 2/2 1 1

6:

o/s 2/2 1 1 1 1

1/1 1/1 1/1 1/1 1/1

- 1/1 - 1/1 1/1 1/1 1/1



- *h* *h* *h* *h* *h*!

- *h* *h* *h* *h* *h*.

*h* *h*:

- *h* *h* *h* *h* *h*,

*h* *h* *h* *h* *h*,

*h* *h* *h* *h* *h*;

*h* *h* *h* *h* *h*,

~ *h* *h*, ~ *h* *h*.

- *h* *h* *h* *h* *h*

*h* *h* *h* *h* *h*.

1.  $\sqrt{1+x^2}$ ,  
2.  $\sqrt{1-x^2}$ , 3.  $\sqrt{1-x^2}$ .

4:

1.  $\sqrt{1-x^2}$ , 2.  $\sqrt{1-x^2}$ ,  
3.  $\sqrt{1-x^2}$ , 4.  $\sqrt{1-x^2}$ .

5. 6. 7.

1.  $\sqrt{1-x^2}$ , 2.  $\sqrt{1-x^2}$ ,  
3.  $\sqrt{1-x^2}$ , 4.  $\sqrt{1-x^2}$ .

1.  $\sqrt{1-x^2}$ , 2.  $\sqrt{1-x^2}$ ,  
3.  $\sqrt{1-x^2}$ , 4.  $\sqrt{1-x^2}$ .

<sup>2</sup> *Handwritten cursive text*

*U:*

*Handwritten cursive text*

*Handwritten cursive text*

*Handwritten cursive text*

*Handwritten cursive text*

*Handwritten cursive text*

4:

— · — √! v 4 — 03,

01 → β ~ J ^ v.

2/3 60:

— d — m | e σ,

v — d | K o | p σ.

f, e, r — e — p — 2,

d — ^ — e — o — d — f — 2 — m:

1 b — ^ — 2 — d — e,

2 b — p — d — j — u — m.

o v / p.

o v b e v

~ p h o v,

~ h e, x

~ m n a v?

o, o, o!

~ b e p ~

o v e h ~,

o v e h / p.

1.  $\mathcal{N} \rightarrow \mathcal{N}!$

2.  $\mathcal{M},$

3.  $\mathcal{N}'$

4.  $\mathcal{N}, \mathcal{N} \mathcal{M}!$

5.  $\mathcal{N} \mathcal{M},$

6.  $\mathcal{N} \mathcal{M}$

7.  $\mathcal{M}$

8.  $\mathcal{M} \mathcal{N} \mathcal{M}.$

Low: (V -)

u b e r ? u r u !

u e r u !

u l e f u !

u l e r ~ o u !

u l e o .

u l e y ! ~ \cdot 9 / 2 \cdot

Lehr:

~ / ~ ~ zef!

zef lo: (y l)

z e, / p h! h!

z ~ v ~, o, / l.

z o ~ r l e n d!

~ h o! , l.



Levi:

W~!

W~!

W~!

Levi:

W~!

ulfo.

po!

Len:

12, 12, 12!

co. en. 2, 2, 2.

ulfo. (1/2)

foj!

Lehr: (L)

— 0!

Uf Leo:

~ · R p!

~ u! r v s j g e

e j g i ~ v e f.

~ c o p h i c a,

e r r u n j r p y l e r.

WP:  $(n \text{ } \text{ } \text{ } )$

$20! 20!$

Wh:  $(n \text{ } \text{ } \text{ } )$

$x \sim n!$

WP:  $(0 \text{ } \text{ } \text{ } )$

$n \text{ } \text{ } - \text{ } \text{ } , n \text{ } \text{ } - \text{ } \text{ } .$

Ln:

es ist  $\sim \sim!$

wp: (20/ve)

1, 2, 3, 6, 12, 24?

W: (20/ve)

es ist?

Len:

e ~ 2 ~ 0 ~

Wh:

~ 0 ~ 0 ~ 0 ~ 0 ~ 0 ~

Len:

1 g ~ ! e ~ 0 ~ 0 ~ p ~ d

- 0 ~ 0 ~ 2 ~ p ~

0 ~ 0 ~ 1 ~ 0 ~ 0 ~ 0 ~ 2 ~ 1 ~ - ~ 0 ~ 0 ~ ?

~ 0 ~ 0 ~ - ~ 2 ~ 0 ~ 0 ~ p ~ !

• Կար:

~ Կար, Բ! Գ Կ Զ Է,

Կ Զ Է Ը Թ Խ,

Վ Ե Զ Ժ.

~ Ե Զ Ժ Ի Կ:

Գ Կ Զ Է Ը Թ Խ,

— Ծ Կ Զ!

Wh:

~ le! ~! co° v e!

Len:

o i ~ ~ ~ e? go!

fish ~ fu

- o - ~ ~ ~ - ° ~ ~ .

e, b, d, ~ ~ ~ ~

u ~ ~ ~ ~ ~ ~ ~ ,

- c e p h ~ eye,

- ~ ~ ~ ~ ~ ~ ~ .



с д, г е' г м,

б з з' д р,

- з р' ~ з м' н

р з н л - м;

л, з з' б м н е.

б б м - н) з о,

е н б д л н о

- о з з' г.

л з о' р б,

л з б б' о н о л.



Isa - the of you,  
- , ce en D 21 y ,  
s re o re !

wp:

ll - o 21 / re !  
- 1 2 3 4 5 re ?

Le:

1 e ~ ~ e ~ ,  
e re ~ ~ o ~ !

es 2 1 2 1 2 1 2  
m<sub>3</sub> ✓ 2 0, 1 2.

Whi:

2 1 2 1 2 1 2

Len:

1 2, 0, 1 2 1 2

es 2 1 2 1 2 1 2

1 2 1 2 1 2 1 2

1 2 1 2 1 2

121 ~ 0011 - US.

gd.

DOM

$n, n-p$

When  $L$  is  $U$  or  $V$

$U, V$ :

$U, V, U, V$

$U, V, U, V$

$U, V, U, V$

$U, V, U, V$

μ √,

2d √ √,

2d 21 R 2y!

Wh!

с г е н т?

2e 2y

с д р н?

и е л е н о с,

р е / н, н с 2y?

с е ж е о б?

н - л е 2y

✓  $\int_0^1 \ln x dx$

-  $\int_0^1 \ln(1-x) dx$

2  $\int_0^1 \ln x dx$ ?

Whi:

$\infty! \infty!$

$\int_0^1 \ln x dx$

$\int_0^1 \ln(1-x) dx$

$\int_0^1 \ln x dx$



2:

Dies irae, dies illa

Solvat saeculum in favilla.

*[Handwritten flourish]*

us 26:

n. 6 d!

, Cou L!

, M u!

- e 2 y,

o pms

1/2 h

Eggs,

W/S!

Wh:

~ 1/2 h!

v; o r, ~ 2 v

~ n of,

p r r y

p r r b.

2:

Judex ergo cum sedebit,

Quidquid latet adparebit,

Nil inultum remanebit.

Wh:

v' — n!

, 2, 3, 4

du v!

e f d

en v! m d!

1026:

unepisc - ge

un / un.

ep? sc?

es er!

2:

Quid sum miser tunc

dicturus?

Quem patronum rogaturus?

Cum vix justus sit securus.

uob:

^ of or

w ~ ~ ~ ~ ~

re er / ~ ~ ~ ~ ~

z ~ ~ ~ ~ ~

s!

2:

Quid sum miser tunc  
dicturus?

Wh:

Sw! — z. lph!

b l z — n.

# WALPURGISNACHT

27.11.1911

6.11.1911

6.11.1911

Wald / D / 1000?

1000 v. 1000

1000 1000 / 1000







co-ly - mo-er?

∠ - y - 25 25!

∠:

o-er-er, 25, 0 - v, p, m;

2 No-er-er / p, m;

∠ p, m, p, m, 25.

∠ 25:

∠ / / / / / er ~ 25 p, m.

25 - 25, 25, 25 er!

o d u o r o l u n e .

*N*:

1 u n c , r l - 2 S 2 ,

-- v m n s u n .

u n t ! w i z z j u t .

- c ~ N s , o c o o

- v p - p s / u n .

6, 2/3 6, 1/2: (2 Dopp)

2, 1/2 - 1/2

2, 1/2, 1/2, 1/2

1/2 1/2 - 1/2

1/2 1/2 1/2

2, 1/2, 1/2!

1/2 1/2 1/2

1/2 1/2 1/2,

- 1/2, 1/2,

- 1/2 1/2,

1/2 1/2, 1/2!

$P, f, P \sim \omega$

$\rightarrow 1D - 1R \tau.$

$2 \rightarrow 1 y_i? 2 \rightarrow 1 h?$

$2 \rightarrow 1 2 e h o n n,$

$g u h r h o n n?$

$c o 1 2 h, c o 1 h!$

$- e h, o, o$

$\rightarrow f, 2 \rightarrow 1 E.$

»zj!zj!«L-~s,

y-M-~s,

z b e D p r ?

z e r d e f z ?

~L, e v z !

-, a f u, o, z u,

o e ) o l o - o e,

f u e e v e,

T / f u, T / l u;

o l e e u r o n

f u b l e l o n

D<sup>2</sup> or. - 120

schw, zueo,

pezo - p, 2e!

-, huu or bu

2 p<sup>2</sup> zuep

juer, /

uov, rige

e r r c r?

eo, eoz / r,

lo - ur, / p

2h, -, Mh,  
1) m, 1) u.

2h 60:

60 m 2 h!

x: ~ 2h

60 m 2 h!

60 m 2 h!



4:

o o f w p, r

~ z m z k z!

- b l z, k z c

o o b o m, z.

e s f ~ e q, e d p z g e,

z m z o e d - l

e z f b o ~ p l e r

e b o o ~ e z.

z z f b - z y f v

z z e l e n) o l,

- x i p v ~

w p / b ) s ~ r.

e s p h u i n s

o q f h z e i n o.

o j s ! z ~ n p z z

y p i ) , l e n o o.

u f l o o.

u / j r l b

z v ~ n ~ C o b ?

~ z , e e ' p z z ,

1. 2. 3. 4. 5.

6:

1. 2. 3. 4. 5.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

11. 12.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

ggr lbr, —

2, — ggr, —

gr lbr.

gr — lbr!

gr lbr!

gr lbr — 2!

gr lbr

gr lbr

gr lbr

gr — 2!

gr lbr 2 2?

z' l u, z' ~ s?  
h, ~ z p u r  
f d ~ o r p r!

z': (R 2)

z' j' l u p,

z' l: u, o s h.

e l a l) \ 2 o z,

z ~ o f u s.

— u - s f - f,

- l y, z', - g u l - u.

g:

1.  $\dot{u} \sim \dot{v}$ ,  $\dot{u} \sim \dot{v}$ ,

6.  $\dot{u} \sim \dot{v}$ ,  $\dot{u} \sim \dot{v}$ .

2:

—  $\sim \dot{v}$ ,  $\dot{u} \sim \dot{v}$ !

$\dot{u} \sim \dot{v}$ ! —  $\dot{u} \sim \dot{v}$ !

$\sim \dot{u} \sim \dot{v}$  —  $\dot{u} \sim \dot{v}$ ,

$\dot{u} \sim \dot{v}$  —  $\dot{u} \sim \dot{v}$ .

gr:

chander?

gr:

si rey!

es 2/1 - no 2,

1A - 6 2!

gr:

1A / 2

co ✓ es - gr!

*g:*

*v 3 6 p e w*

*e s b  $\rightarrow$  , c e i*

*h, l:*

*\ ' a \ / , \ ' a : r ,*

*c o : e l ~ l u m e r ?*

*, n g l ; w o n g ,*

*e n c e y c l , i n c y .*



Beob., zu 2:

1.  $\sqrt{2} \approx 1,4142$

1.  $\sqrt{2} \approx 1,4142$

2.  $\sqrt{2} \approx 1,4142$

3.  $\sqrt{2} \approx 1,4142$

Beob.:

1.  $\sqrt{2} \approx 1,4142$

2.  $\sqrt{2} \approx 1,4142$

3.  $\sqrt{2} \approx 1,4142$

4.  $\sqrt{2} \approx 1,4142$

*g*: (—w)

w/2, w/2, 1/2!

*g*: (1—w)

1/2 w w/2 1/2.

1/2 g, — w<sup>2</sup> 1/2 g — w;

w D D w

*ve* 2v:

— g t — oc, — l' g w,

— w w w w w w.

Roofstep

Seelshen

*g*: (S~)

2! 2!

*g*: (w)

and e' long?

g: (S S)

~d v u! ~d v u!

1 f z g e s e l t,

- ~ r h / \ h

1 c v m l v o h.

ve 2 v:

- h' w, h' f

1 n h, - h' l

a z z) / z n n

1 p ~ u i n n.

2. u. 3. (W)

1. K. D. - r. f. ;

$\sigma^2$ , h. j. - r. !

1. 2/26 ~ v

- ~ r. x. d. / y.

2. u. 3.:

1. o. d. w. ~ r. u.

~ r. i. j. o. u.

~ r. o. f. i. t. e. r. L.

\ b. m. ~, 2. / l. r.

ve 2v:

- cr 2 ~ v p,

- f 2 ~ 2

- e 1, 2 e c - l

2 ~ r 2 r ~ 2

6. 0 ~ r.

2/3 60:

e e l - f b, e y - w!

e p - e l, e p - w!

e v, p - p - w!

~ cross-hatched!

→ lb ~ v! o ~ d ~ 2, 2 ~ p.

c b e y?

lf: (z' lms)

z!

df lo.

co! e ~ j 2 y ~ o?

e<sup>c</sup> 1 2 ~ l ~ l ~ v ~ o.

Gj! L ~ L ~ e ~ v. Gj! o ~ C ~ e,

G!

2, e, 6, 7! - ~ ~ ~ of

0 5 0 2 p x 2;

- j L, ~ ~ ~ 2

e h h ~ ~ ~ 2

- p p c o n d h f 2

~ ~ ~ 2

G:

5 2 6 0 8 2! ~ ~ ~ 2

~ ~ ~ 2



Handwritten text in black ink, possibly a signature or a name, consisting of several lines of cursive script.

Handwritten text in red ink, possibly a signature or a name, consisting of a single line of cursive script.

Handwritten text in black ink, possibly a signature or a name, consisting of a single line of cursive script.

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Handwritten text in black ink, possibly a signature or a name, consisting of a single line of cursive script.

efv, v, j<sup>2</sup> 60;  
e, 20) 20 4 5.

ef 60.

20 4 5 20) 10.

0 5, 20 4 5 00;

1 2 3 4 5 6.

1 2 3 4,

e 2 20 4 2 2 2 2 2.

e 0 1 2 3 4, 5 6 7,

8 9, 10 11 12.

Le, 2222;

1222, 2020.

1222022222!

2222! 2222) 2222.

2222! 2222! 2222,

122-2222,

- 222222.

code, 2222! 22222222.

2222 2222! 22222222.

22222222! 22222222

2222, 2222, 2222, 2222,

2H

~ 2v, C - 60 W?

4:

- 4 p m, 252 ~ p m,

o p m - 4 L L y m?

45 h.

4 v 10 p m, 252 ~ p m,

o b a m m o r o s i.

~ m e y 21 p m,

2. \ beloz n m j 2.  
 6 y, z v e s? b n d z y n z i;  
 z m b e p f  
 z b v j c o y n z.  
 c, d -, u z, z v l.  
 n z! s l z n r j l z,  
 v u c u, - e b l u.  
 j n z, i z n e n n o f:  
 r s z n, c o v l r z n e?  
 v d j, c, j z y z z l e,  
 s o o r y n d - l r e b i;

monter 4/20.

20:

ausw...!

22 2 Flop;

ev<sup>2</sup> L... ~ h

g... h... ~

20:

h... 2... ,

1... 2... ;

erl, es, es, es,  
es, es, es, es.

Cor:

ran, ran, ran  
-m, m, m, m;  
of, of, of, of,  
-m, m, m, m.

Li:

aus der Luft

Substantiv!

-coet h L n M,

e: 2 ~ ~ ~ ~ ~

als Co. (s ~ ~ ~ ~ ~)

g ~ ~ ~ ~ ~

e: 1 ~ ~ ~ ~ ~

-c ~ ~ ~ ~ ~

-i ~ ~ ~ ~ ~





prezobno,  
~ z, i ~ bezobno  
b, ~ z, e / ~ bezobno,  
/ k, z' ~ m, g, z.

zly lo.

h, z, i, b, g, v, z, i, f.

h, z, i, b, g, v, z, i, f.

h, z, i, b, g, v, z, i, f.

h, z, i, b, g, v, z, i, f.

4:

e, v p → / b v o!

z o, v e e → v o!

4: lo.

` n y f e f d n m;

e s z b / j p n; - e s' p n.

4:

a · e e?

Ulf Leo:

M b ps!

P. e.

U:

ca?

Ulf Leo:

er & G.

re p, R ~ m z ~ m,

~ r z, z<sup>2</sup> b ~ p W.

сбел ~ h ~ w ~ w,  
— бор — e / e h.

Ц:

es of f, 1 - 2 h i  
1 2 3 4 5 6 f i!

цф.с.

es ~ 2 ~ 2 ~ 2 ~ 2.

- 2 1 f ~ 2 4 f, ~ ~ 2! 1 2 h

с.

4: (2\~h\~u\~p\~c)

11\~z\~h

10\~h

z\~h\~p\~h

6\~p\~1\~p\~2.

1\~z\~:

h\~u\~1\~o,

-z\~h\~o.

h\~b\~p\~u\~t,

e\~o\~w\~2\~h.

2lf lo: (2\~5)

~11~ ~ dh

e101 ~ p' ~ u

\~ p2 ~ ;

— 20, a, b, v, d.

1. j:

1. u ~ u ~ o

2. u ~ u ~ o!

2. \~ ~ u ~ u ~ ,

c, e ~ o ~ / ~







Exhibit:

1.  $\int \frac{1}{x} dx = \ln|x| + C$

2.  $\int x^n dx = \frac{x^{n+1}}{n+1} + C$

3.  $\int e^x dx = e^x + C$

4.  $\int \frac{1}{x^2} dx = -\frac{1}{x} + C$

5.  $\int \frac{1}{x} dx = \ln|x| + C$

6.  $\int e^x dx = e^x + C$

7.  $\int \frac{1}{x} dx = \ln|x| + C$

8.  $\int x^n dx = \frac{x^{n+1}}{n+1} + C$

Calculus:

$100 \rightarrow 200 \rightarrow 100$ :

$\sim 2 \log 100 \sim 4.3$ ;

$200 \sim 100$  / By:

- 4/4.

$2, 10, 1, 1, 1, 1, 1, 1, 1, 1$ ;

$1 - 10, 1, 1, 1, 1, 1, 1, 1, 1, 1$

- 2 2 2 2 2 2 2 2 2 2

1 1 1 1 1 1 1 1 1 1.

2/3 60:

1) 2/3 2 — 0/2 0/2,

e: 1, 2, 0, 1) 0/2,

- 0/2 2) ~ 0/2 0/2 0/2,

• 1/2 0/2 ~ 1/2 0/2 ~ 1/2.

1/6, 0/2 1/2 1/2:

0/2 0/2 0/2 ~ 0/2 0/2,

0/2 1/2 ~ 0/2?

4:

D! 2 R p r f

~ \to 2 2 2 \wedge e^2 ve.

alg. co.

e \cdot co \sqrt{6!} e \sim \sqrt{2} / \mu s;

\mu, 1, 2, a \partial / 4.

a \sqrt{6!} \sqrt{2} \sim \mu s e?

Q:

er 0, m

uf lo:

Co?

Q:

uf, be e

~ 60, 2000 - lu

pi?

6 2/3) 2000 - 5 - 1,

62 / 2 p 0 ~ 10, m.

120 km, ever

66<sup>2</sup> 2 2 2 2.

25.60.

oe → f! a<sup>d</sup> ~ m c.

- ~ f u<sup>l</sup>; s o, ~ t.

R / m m; / 2:

S f u w y d<sup>o</sup> 2 g u 4,

- ( l b z f u w t;

S \ r e o e s t p d.

4:

ka, -<sup>2</sup>, n - 1, n,

, - ne x / z o.

e, 4, 1, 2, 3, 4,

e, - 0, 1, 2, 3, 4.

4: 4:

e, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

e, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.





→ M 9 6 7 C!

~ r d e r h z,

z b - f o r h

- 2 2 v / y h,

- o 1 c u ~ h h.

c o r e e s?

o r d e r:

z b w e r.

~ ~ s o f, e f f o r h.

T y m i s t ' 0,

~ e h 3 - p h

- e h 3 p h D.

y, r 2 n, c 1 p e

p e h 3; ~ s r g y.

u f h o.

c 1 s 2 u a n p e;

e p e 1 2; e e s p \sqrt{1 2}.

# WALPURGISNACHTSTRAUM

er

mo-wo

2. d' 2 f

my

unb:

2221~2,

20000.

100-100,

einfach!

2. b:

einfach,

20000

nif

einfach.

*u:*

$l \wedge 2b, c, u,$

$- f \rightarrow 2g f e i$

$n \rightarrow -, n \rightarrow,$

$b^2 \rightarrow n \rightarrow u e i$

*Q:*

$n \rightarrow ( - n ) e$

$- z \rightarrow b \rightarrow n \rightarrow,$

$n \rightarrow n \rightarrow,$

$n \rightarrow n \rightarrow e i$

№:

№ 101 ~ 0

2. 20. 19. 19.;

3. 19. 19. 19.;

4. 19. 19. 19.

№:

№ 1) 19. 19.;

№ 2) 19. 19.!

№ 3) 19. 19.;

№ 4) 19. 19.

W:

$z \sim z - \bar{z}, b,$

$— b \rightarrow v e,$

$b \sim D^2 m b,$

$— \sim \sim \sim e \sim e.$

$\sim D^2 y: (b \rightarrow)$

$b \sim y - v \sim e$

$z \sim m \sim e,$

$b \sim b - \bar{b} \sim b,$

$e^2, z \sim!$



○ — — — :

○, e, n, d, \ e, e, o!

- i, o, h, e, s.

2 \ ~ z, z, z, z, z

p, o, f, f, ~ o

2, 6, \ ) / u, e, t.

g, u, l, o - ~ u, u, u

- e, r, e, e, e, e, e!

g, ~ u, u, u, u, u, u, u,

e, u, u, ~ e, e, e.

~ Whi:

~ j - 22 h

p2 24 - ell

g y k d v p r

o v o / 2, 1, 1.

~ Whi ~ oc:

• e / 20 v e g p

o ~ 2 h

~ j ~ 2 2, 1,

o 2 2 2 / 2 i

~eβ:

~w, ~zj!

~l, ~gl:

~v, ~v, ~v,

~D, ~L.

~g, ~d:

~o, ~l, e·2,

~k, ~o, ~o;

~d, ~w, ~p, ~g

~h, ~g, ~o.

Ab:

D! ~ p r l v p:

o' / x ped!

- f<sup>2</sup> n p d r

z ju ~ ped.

L B:

\ Ger - o' ~

l d' - z c d r,

h of ~ n d s r r

- f ~ e r o d r.

12/1/2020

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12/1/2020

12/1/2020

sch: (D'ho)

pf, or or n:

or n!

-Lper, n l n,

1, 2 h y e d z!

sch: (D'ho)

-4) / l e r s,

b e / g n,

- 1, 2 u e r d

2, 1, 2 e g n.

2. *u*:

o 10  $\sqrt{2}$  1 e<sub>1</sub>,

2  $\sqrt{2}$  2 2 2 2,

o<sub>1</sub>, 2 2 2 2,

2 2 2 2.

2. *o*:

o, o 2 2 2 2

2 2 2 2!

2 2 2 2 2 2,

2 2 2 2.

201:

1 2 3 4 5

6 7 8 9 10

11 12 13 14 15

16 17 18

19-20 21-22:

23-24 25-26

27, 28 29!

30-31, 32-33

34-35 36





chc:

h, l, k, m, n, v,

o ~ b,

o v s<sup>2</sup> k n n z

n n o ~ m.

h:

e n d h c ~ s o 2 ?

1 2 v k k n.

»  $\frac{1}{2} \sqrt{!} - 2 R \sim$

1 ~ o ~ e ~ n. «

ураб:

отеро, уо!

), о, н, зор!

~ н, ф, ; Co зор

- W, о, о.

лер:

еоб) з, е, зор,

- з) м, е, о;

- ~ з' е, о;

о з' о, у.

enm:

1. 0 2 1 1 2 1,

1 0 1 1 2 1.

1 2 0 1 1 0 0;

0 2 0 1 0 1 1 1 1.

sub:

1 1 1 1 1 1 1

• 1 1 1 1 1 1.

1 1, 1 1 1 1 1 1,

— 1 1 1 1 1 1.

sub:

ecor · v R/E

- 20 v 10 10;

1 8 2 2 1 2

1 6 5 2 ~ 10.

sub:

2 8 2 2 1 1

- 1 2 1 2 1;

1 1 ~ 1 1 1 1

1 2 2 1 2 1.

అను:

అను ~ అను స' గా

- అను ) ~ స' గా.

అను ~ అను స' గా;

అను, అను స' గా.

అను:

అను ~ అను స' గా,

అను!

అను ~ అను,

అను!

1. p. 10:

o b [Sanssouci], — z b e z

S. b. p. l. i;

s ~ l o r a / u,

h r i s ~ r h.

1. p. 10:

o d e r u h o p f,

r u r i d e n!

z z z h h,

r h s u t o e r.

Ab:

$S^2 \approx \mu^2$ ,

credibility;

$\partial^2 \ln L(\mu) / \partial \mu^2$

is constant.

impl:

$\sigma^2 \approx \mu^2$

$\mu \approx \sigma^2$

$\mu \approx \sigma^2$

all vs.  $\mu$ ?



126:

$G - G' - \sqrt{2}z'$

—  $z', z' \text{ or } r$ .

$z' \sim z, z' \sim D,$

$62 \text{ } G_2 \text{ } z'$ .

G:

$M - z's$

$0 \text{ } z' \text{ } z'$ ,

—  $G_2' \sim r \text{ } n$

—  $G, \text{ } z', \text{ } z'$ .

№:

и, не, а,

и, то, а,

и, а, а,

и, а!

№: (а, а)

и, а, а

и, а, а.

и, а, а, а,

и, а, а.







4:

20! 17 20 17! ~ 00 1, 4 10  
20! 00 ~ 0 10 20 17, 0  
1) 11 10 17, ~ 17 17,  
2 20 00 ~ 17, 17 ~  
1) 2 17 17, 17 17 00  
~ 10 17 17, 17 ~ 17 00  
17 17 17, ~ 17 17, ~  
17! ~ » 17! « ~ 17!  
17! 17 17 17, 17 00  
~ 17 17 17 17, 17 17

Handwritten text in a cursive script, possibly a mix of Latin and German. The text is arranged in four lines:

Handwritten text in a cursive script, possibly a mix of Latin and German. The text is arranged in four lines:

Handwritten text in red ink, possibly a signature or a specific note.

Handwritten text in a cursive script, possibly a mix of Latin and German. The text is arranged in five lines:

4:

by e b<sup>h</sup> j v | — m! v  
n! m 2 0, m 2 b, ' e v j  
j m d, ' e 2 2 y m b -  
2 o, m ~ ~ j e p u v j e, ' ) n  
j e c e l - n e l t e ) j ?

u f l o .

r e d e j ?



4:

✓ 6! — er cos er! ~ 20<sup>0</sup> 6) x e) s  
Lue!

2/3 lo.

1 2, 1, 10<sup>0</sup> ✓ 2 / 10, 0 ✓ 2 /  
hu. m » ✓ 6! « m c c, ' 6 10  
er g? 1 — er g?

6 w d r p.

2/3

2/3 D<sup>2</sup> e<sup>2</sup> c, e. /  
ser gra / pu ce! ~ 2/3  
m<sup>2</sup> / pu, e - m<sup>2</sup>, )<sub>2</sub>  
m<sup>2</sup> / 2.

4:

W 2! 6° 2 o!

Uf. 60:

- 1. h, 2. e, 3. p, 4. o, 5. s, 6. f  
Lage 1 e 2 x 3 0 4 5 6  
zu 1 2 3 4 5 6  
Energie.

Uf.

De 1 2 3 4 5 6  
p 2 1 2, 1, - 1 6.





Q:

$g_{n-1}, g_n, \dots, g_n$ .

alg. Geo.

— Syll.

Q:

$6f_n - c_n$ .

2/3 Co.

u! u!

# KERKER

62 2000 - 10, 10  
10000

6:

10000 10000 10000  
10000 10000 10000  
10000 10000 10000  
10000 10000 10000  
10000 10000 10000



ע בלל, ב עפז!

!ע פז פז ~ לעז.

\ רלעזו. - ב נוע?

ז ז, ז

, רזלל!

ז ז, ז

\ רזו!

ז ז ז

ז ז ז

~ ~ ~ ~ ~;

es ce, ~ ~ ~ ~ ~;

es P, es P!

Q: (e.g. e)

o ~ ~ ~ ~ ~, e ~ ~ ~ ~ ~,

~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~, e f ~ ~ ~ ~ ~.

~ ~ ~ ~ ~.

www: ( ) s<sup>2</sup> m u r e )

o! o! b ~ r ~ u. A L e!

Q: ( )

g! g! r ~ r, p, u.

www: ( ) ~ r x p e )

b e ~ r p, — b r ~ r.

4:

es', du o' zlfu!

~ lb, ~ n, b gffo.

www: (s ~ n)

a o e z n r v

x v p m!

es z d v g z n l.

w e p - o v m!

h z n p / f m?

b g f s.

u, d, d - h, - h!

-° g p u!

g u, d, - e a r u l t u.

s a l e m i c;

f o d - m y, l e n f f.

l o p l - p e r!

g u v! c o r, e p u?

s o p l m o l s,

o, e p e r n l p u!

4:

$c_1 \sim \mu \gamma^2!$

www:

$1v \sim 2y \sim e \sim v.$

$0v \sim b e n c \sim h m.$

$12y - 92y \sim b;$

$6 \sim v; 2v \sim m,$

$- \sim m, 1 \sim 1, 2v \sim b.$

$- \sim c_1, e \sim b.$

$6 \sim b \sim v! \sim \cdot \sim \sim \sim!$

~ Spunkst,  
asobee?

Q: (coll) 7)

~ verstoß,  
Kunstpflanze.

www: (coll) 1/19)

— OTW, 2 in 1!

P! Spunkst,

S'zu

81, 2...!

↳,

26-10-19,

11-10!

4: (1)

11! 11!

www: (www)

ec<sup>o</sup> Leo p!

6 p/s. 1. 1. 1. 1.



$C \cdot ? \sim \sim \sim \sim \sim$

$\sim \sim \sim \sim \sim \sim \sim \sim$

$\sim \sim \sim \sim \sim \sim$

$\sim \sim \sim \sim \sim$

$\sim \sim \sim \sim \sim \sim \sim$

$\sim \sim \sim \sim \sim \sim \sim$

$\sim \sim \sim \sim \sim \sim$

$\sim \sim \sim \sim \sim \sim \sim$

4:

1 50!

www:

es 10! - 1 - 2 - 3!

~ 100. \ 10! \ 10! 2: 2 10!

2, 10^0 100! \ 100!

es 10! 100, 100, 100.

1 50 100!

2, 100 100

5 \ 100 100 2 100

- 2 ~ 2 ~

c 1 - 2 2 e ~

Q: (five)

~ 2! ~ 2!

WWT:

- c

c 1 d - m, c e c b.

no.

4:

—!

ce / —

~ & L ~ ~ ~ ~

www:

o? e n / ~ ~ ~ ?

~ ~ ~ — ~ ~ ~ ~ ~

— ~ ~ ~ ~ ?

~ ~ ~ ~ ~ — ~ ?

~ ~ ~ ~ ~ , ~ ~ ~

~ 2y 2y 2y 2y  
- 2y 2y, 2y 2y

2y 2y!

2y 2y, 2y!

2y 2y.

2y 2y 2y 2y,

2y

2y 2y

2y?

2y 2y?

2y 2y) 2y.

4:

~! L R v! R, L O 2!

1 2 y e l 2 u e l l 2

~ L R v! 1 u e l ~ 9!

www: (j R p r e l)

- u e s e n? - u e s e n p r o?

4:

1 u e! ~ 2!

www:

erth, loo,

ndervengo.

and, eed - v / z b?

- beu, u lo, ce

db?

6:

nd! nd! zcl, d n.

www:

z z z, y y,

z z z, y y.

a - l e - v p u t ?

e r D. m e y b! i z - m

r e x! i m h!

e r x! m D, m b. l!

a b a! o v p e,

• b y h.

D z! c o z e y p!

f r ~ e n ~,



1. u. p. e!

6:

o e m n o,

g b p r

w m:

~ , g r s m!

1 - e , h f m,

l, r b e o m

z r m;

$\sim \eta \sim \psi \gamma \mu,$

$\sim \eta \rightarrow \psi \mu,$

$\psi \sim \psi \psi,$

$\rightarrow \eta \psi!$

$\sim \eta \sim \psi \sim \psi \psi.$

$\psi \psi \psi \psi \psi \psi!$

$\psi \sim \psi \psi \psi,$

$\psi \sim \psi, \sim \psi \psi!$

$\psi \sim \psi \psi \psi;$

$\psi \psi, \psi \psi, \psi \psi \psi,$

$\psi \psi \psi \psi \psi;$

-  $\partial \phi_{e_0} - \omega \phi - \eta, - \text{Lr.}$

Q:

$\partial \phi_{e_1}, e_1 - \omega, - \text{Lr.}$

WWT:

$e_2?$

Q:

$\text{no Lr.}$

www:

• e h e o,

sw' l e, — ~!

S x n o r u

— ~!

e r b ~! —, ~!, ~!

6:

e r ! — — — !, ~! ~!

www:

1 erll; l v p . 9 / 2 h.

co 2 ll, l p i ? b s n d v s.

i - r, u n / v o

- 2 y 2 u a p o !

i - r, i h e z h

- b u v p d s h !

6:

1 u v v e r

www:

pe! pe!

ve no ve!

pe ~ en

pe as,

s ~ ge,

z ~ ab z,

no, c, l, g, ge,

pe ✓.

lo - ✓!

- ) z,

-fA2!

v!v!

6:

u p e!

→ ~f, — b e l!

w w:

c w, → ~w u!

e o f r u s r f,

- b o p ~ u r z l!

es of 2 2 5 2 f

- a 2 2 2 l

b a 1, b a 1, a l . 1 2,

b 2 - a, b a 1 2.

b 2, a 1 2 2

- a 2 2 2!

6:

2 2 2 2 2, 2 2 2 2,

- a 2, a 2 2 2.



www:

ov! ~, 1 e ~ p!

lo v! \_ ~ v! ~!

o d ~, e ~ e ~ p.

6:

\ n! ~! ~! ~!

www:

n! ~, - 'n! ~ f n e ~ 2;

~ ~ f n d, o!

a ~ m, e, g, j ~ k, d.

o ~ r ~ y!

- i ~ p!

r ~ s ~ t;

u ~ v ~ w.

x ~ y, z ~ b.

c ~ d, e

f ~ g.

h ~ i, j ~ k.

l ~ m - n!

o ~ p, q ~ r.

2 H. D. ter ...  
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.  
g. d. d. o. e. h.

U:

— C — 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10 — 11 — 12 — 13 — 14 — 15 — 16 — 17 — 18 — 19 — 20 — 21 — 22 — 23 — 24 — 25 — 26 — 27 — 28 — 29 — 30 — 31 — 32 — 33 — 34 — 35 — 36 — 37 — 38 — 39 — 40 — 41 — 42 — 43 — 44 — 45 — 46 — 47 — 48 — 49 — 50 — 51 — 52 — 53 — 54 — 55 — 56 — 57 — 58 — 59 — 60 — 61 — 62 — 63 — 64 — 65 — 66 — 67 — 68 — 69 — 70 — 71 — 72 — 73 — 74 — 75 — 76 — 77 — 78 — 79 — 80 — 81 — 82 — 83 — 84 — 85 — 86 — 87 — 88 — 89 — 90 — 91 — 92 — 93 — 94 — 95 — 96 — 97 — 98 — 99 — 100

U. L. (2/10)

s! — e — 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10 — 11 — 12 — 13 — 14 — 15 — 16 — 17 — 18 — 19 — 20 — 21 — 22 — 23 — 24 — 25 — 26 — 27 — 28 — 29 — 30 — 31 — 32 — 33 — 34 — 35 — 36 — 37 — 38 — 39 — 40 — 41 — 42 — 43 — 44 — 45 — 46 — 47 — 48 — 49 — 50 — 51 — 52 — 53 — 54 — 55 — 56 — 57 — 58 — 59 — 60 — 61 — 62 — 63 — 64 — 65 — 66 — 67 — 68 — 69 — 70 — 71 — 72 — 73 — 74 — 75 — 76 — 77 — 78 — 79 — 80 — 81 — 82 — 83 — 84 — 85 — 86 — 87 — 88 — 89 — 90 — 91 — 92 — 93 — 94 — 95 — 96 — 97 — 98 — 99 — 100

op. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100

2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100

zmeny.

zmeny:

cof / e<sup>2</sup> / l / r 25?

! ! r ~ l!

co - ~<sup>2</sup> 2 ~ l ~ / ?

! - r!

6:

e<sup>0</sup> ~!

www:

~ ~ ~ ! e ~ , v ~ ~ !

~ ~ ~ : ( ~ ~ )

~ ~ ! ~ ~ ! , ~ ~ ~ ~ ~ ~ .

www:

e ~ ~ , ~ ~ ! ~ ~ !

~ ~ ! ~ ~ ~ ~ ~ ,

~ ~ ~ ~ ~ ~ !

~ ~ ! ~ ~ ~ e .

ulj lo.

6.  $\sqrt{M}$ !

g: (J m)

$\cdot \sqrt{M}$ !

ulj lo. (j l)

2/v!

ger l.

*f*: (f, m, s, w, c)

*z*! *z*!



