

Zweites

Gefährliche Liebschaften

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Lied-
zeit

Com

Marquise von Merteuil

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n ~ Grafen Gercourt [the name],

Handwritten signature: *Comte de Valmont*

Vicomte von Valmont

Handwritten signature: *Madame de Tourvel*

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von Tourvel

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cile Volanges

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Cécile Volanges

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Chevalier Danceny

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Madame de Tourvel

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Madame de Rosemonde

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2 ver e h^o L^o c^o.

Madame Volanges

ver L^o o: 1 2^o S^o L^o o.

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De 2002 à 2004 / les
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les [Francs] ...
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6.

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c y b g o^s, e, R⁶ p l o u, i q U
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x t, e t e y o r - c y o s o u t^c,
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c. m p^o, m e z y / lo^o - m.
- e v o h^o z y o g i s' - e z y -
p^o p^o p^o s. m p^o, 1. p^o, l
v o l, 162 m v o l^o g m.

1. l e s s - m p^o D. g e n, 12
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e d, e) z s b p^o - e, m e -
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22 L o n o b z n s, L ~

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v / 2 n g f u, m, L u n d l e d

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~ f l u, 1 g u l 2, - 12 l, e, y o z

u n d [Tanville], 2 u o n n, ) L

z n d s l u n n i o b n e, e r t

n n, l e o c b t z n e u g l u. u n

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se für einen  $\alpha$  von  $\mathbb{R}_1 - \sigma$ :  
»coy er? of  $\rho - \sqrt{A^2}$  zu er  
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 $\sigma$ .

$\mathbb{H}^2$ ,  $\nu$  -  $\rho$ ,  $\nu$   $\rho$   $\nu$   $\nu$   $\nu$   $\nu$ ,  $m$   $\nu$   
 $\nu$   $\nu$   $\nu$   $\nu$ ,  $\nu$   $\rho$   $\rho$   $\nu$   $\nu$ , -  $\nu$   $\nu$   $\nu$   
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6: es, / c<sub>0</sub>, p c<sub>1</sub>, r ~ Ugn<sup>o</sup>; c<sub>1</sub>  
w<sup>6</sup> Lob n d.

C<sub>w</sub>, ~ 3. 2/17..





[Gercourt] a  $\rightarrow$  v pt, e, i, r, o, s

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6 e, m, 2 / ? co<sup>2</sup> 6 g, h, ! 2 6 p, e

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s. n. a. , e. b. o. n. o. p. ; l. b. l. y. l. d.



✓ v/ob, eva - ✓ h<sup>c</sup> ✓ v/d  
o.

o, - s f d - : h<sup>c</sup>, p/22m  
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Co, ~ 4. 2/17..

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22 L r o n o l z n s .

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h , e n o n o s , l v 1 n . l D o n - l  
g n v l ; e - 2 0 o o g z o , l j v n , c  
n n n - l l o s .



a - n; p m, e c m e t  
h z h z n! D, r r - m o, c o  
c o n - ?!

p e n d l o b - o d, e b o z  
c v. r - o n d - l o g g / s v  
p u. i e a, i e o t, o d c n, n. o - D  
D's p. i o f p u n s - a t l y p h,  
- e i w t, o e p.

- D o c e t p s. p o z n s, v p, n i  
u o / n y b. v a n t v, v p p, c o v  
o n a. e n, - a z D h - ! o s,









elo ~ m. b<sup>a</sup>, v zu her, s  
2 m jh ~ v b<sup>a</sup> - 2 4 6 0 erli  
»e' ~ 2 2 0 2 4 0.«

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s l z - ~ f u h o j. e ~ m ~  
h e r d, - e e y, e, ~ h -

»b d z r q b o l z, ~

e ~ r q p t, ~ r v o.«

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n l e g g - j g r. n n y e a. l e - s  
l u b o k, c d, n h j - o n  
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z l e b ) n l, - j f f m; c d b, s, i, k  
z n o, - z b - e l s, l e n - z l e; c b  
n p t z m n n g g n b, - e l k, o n d.

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100, 66 m d / m; - e, p d b,  
m 2 k j p. 1<sup>s</sup> v y p, 2  
p w 2 p - h s k t p h i  
1 - m e y e, e i m L o g -  
r l m. 2. h e r s [Danceny] N 6.  
2 2 p w - 6 6 N o m 1 0, s e n s  
C o n t e n t . 6<sup>u</sup> e y 2 s t h; - 1 2,  
6<sup>s</sup> 9 n - s o - 2. u r e s . 2  
- r e; 6 y 2 2 b h e t - j m  
r e n d . i m C o m . n o D o n d .  
u o - D o m u, 6 - h, 6 t e l e o

Handwritten text in a cursive script, likely a letter or document. The text is written in a dark ink on a light background. The characters are highly stylized and difficult to decipher, but appear to be a mix of letters and numbers. The text is arranged in approximately 12 lines, with some lines starting with a small symbol or mark. The overall appearance is that of a personal or official communication from the early 20th century.

$C_w \sim 7.2/17..$



сббзр —. 06 ел, еб 0, сиб е  
лз, лсе, лд?

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лсе л, лсе л, лсе л, лсе л, лсе л

лсе л, лсе л, лсе л, лсе л, лсе л  
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лсе л, лсе л, лсе л, лсе л, лсе л  
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лсе л, лсе л, лсе л, лсе л, лсе л  
лсе л, лсе л, лсе л, лсе л, лсе л

gibt L. u. b. o. n., r. p. z. n. e. c. o.  
- e. n. z. z. w., c. i. j. n. z. y. p. l. z.  
n., - j. l. z. b. l. u. n. e. u. z.  
n. u. h., i. u. d. e. l. t., u. n. u. d. b.  
y. l., i. u. n. - b. o. p. - j. e. t. d. e. j.  
u. n., - z. j. b. i. z. d. j. u. l. d. z., -  
l. b. d. - , c. b. k. o. e. x. j. d. l. o. e. i. b. d. o. n., o.  
b. z. y. j. u. h. - n. d. z. ! o. r. u.  
u. l. e. - u. n. e. n. e. d., c. b. n.  
p. r. o. z. l. l. t., u. z. o. z., o. u. n. d.  
c. l. o. z. e. i. z. j. ) i. n. z. y. p. l. z.

— we may' y g e v, 1 — 2 y R  
! ... b i f e - l r, - 2 d r - r, b c v  
d - o - o - - - r. 1 e v 2 y 8. d  
y o o d d 2, e b ) 4 s m 2 y f l,  
- ~ j h, ' R u o e ? c o l g r u u o  
u b 2 ? , c b v u d 2 ~ h j  
g h.

1 R, s r g r n - ~, e r ~ h  
j f r u, - y b o b r; - b d 2  
g h. b ~ ) e v, e - l e h ) j r, 8  
~ h j f r. b 2 b ) v u h, - 1 2 9







cos  $\pi$   $v$ ,  $20$   $b$ )  $v$   $n_i$ ; - e.  $\sim$   
~.

$b^2$   $v$   $b$   $u$   $e$   $i$   $1$   $2$   $e$   $c$   $v$   $t$   $k$   $2$   $1$   $q$   
 $f$   $h$ ,  $n$   $r$   $2$   $g$   $v$   $h$   $p$   $c$   $v$   $o$

$k_0$  -  $m$   $o$ .  $2$   $b$  -  $c$   $p$   $o$   $2$   $2$   $j$   $h$ , -

$2^2$   $p$   $e$   $p$   $p$   $u$ ,  $e$   $r$   $h$   $c$   $v$   $t$ ,  $2$   $1$   $b$ ,

-  $o$   $2$   $v$ ,  $r$   $2$   $v$   $v$   $f$   $h$   $y$   $f$ .  $b^2$   $e$   $x$

$h$ ,  $c$   $b$   $o$   $2$ ,  $2$   $c$   $h$   $p$   $e$   $b$   $v$   $o$   $t$   $e$   $t$ .  $b$

$o$   $t$ ,  $b$  -  $t$   $p$   $u$   $n$ .  $2$   $c$   $o$   $b$   $1$ ,  $f$   $b$   $q$

$h$   $u$   $y$   $v$   $t$ .  $b$   $e$   $v$   $t$   $e$ ,  $e$   $b$ ,  $c$   $v$   $e$   $b$   $v$

,  $p$   $u$ ,  $1$   $1$   $j$   $e$   $h$   $u$ ,  $e$   $t$ ,  $p$   $e$   $r$   $v$







W. e. v. f. l. e. p. l. e. c. l. e. i. ; p.  
w. e. v. - , w. e. v. ; c. u. e. i. ; l. e. n.  
- o. u. r. g. - , c. o. v. e. r. n. o. j. e. n. - b.  
I. w. e. s. t. , i. n. p. l. e. n. , i. i. t. - i. l. l. e.  
w. e. s. t. l. e. n. , p. e. i. 2. -  
w. e. s. t. l. e. n. , w. e. s. t. l. e. n. ; - 1. -  
w. e. s. t. l. e. n. , i. - p. e. n. n. e. l. ,  
w. e. s. t. l. e. n. .

W. e. s. t. l. e. n. , ~ 7. 26. 17..







Handwritten text in a cursive script, likely a letter or document. The text is written in a fluid, connected style. The content is illegible due to the cursive nature and the image quality.

~~20~~ ..., ~ 9. 2/17..

~ 1/2

by L. von, L. von S. L.

12 ~ ~ ~ L. von, 16 L. von, 2

L. von, L. von, L. von, L. von, L. von

~ ~ ~, L. von, L. von, L. von, L. von

L. von, L. von, L. von, L. von, L. von

L. von, L. von, L. von, L. von, L. von

L. von, L. von

L. von, L. von, L. von, L. von, L. von

L. von, L. von, L. von, L. von, L. von

L. von, L. von, L. von, L. von, L. von



usm - ~ 20 c/l r ~ m - g r e,  
f w t, c, m, r, p, l, g, r  
→ E M. u l e d . | \_ ; o  
the cross of h y t e . . y p s e p h e,  
co) ~ 2 y u e l, → ) / r o m;  
- 2 → h e t - c o / o, d . ) . h e f  
h . 1 2 t p / e s, h e y j e r, 1 . l t;  
u o f e ^ 2, 1 . e l e r 2!

2 e p p e r - y e r u, e b l e, ^ 2 o  
o r e o u s s / p r i 1 ~ t m e d  
y e r, 1 6 y e r u, u r u, - ~ o r

o, s p 2 v e l o e f . p o ' l e r l n e o p r o b  
a - b l e n d e o s j m s e b e  
p, c o m j o n z ; e l e n h , r i )  
p l z , - l e - l e r e e s ;  
j l r j u n r .

i n o s u s ; i p e r l e r e : b  
e p e , p - o p l e p e . 1 2 0  
u n , e r 9 2 2 ~ 2 / 2 6 ~ p l ; -  
- p l , b z ~ 2 e r l n e p l e p l y  
~ p , i n p l e r m o p l e r e l .  
o 2 p - , 2 z z l e r , - s l l p 2



и и мнѣ с. м и рнѣ, 2 крѣпчѣ,  
у мнѣ 15, 5 отъ а 1 жѣ. а, 2  
жѣ бѣ. мнѣ 2, 2 мнѣ 2 жѣ  
ко 2 жѣ. и мнѣ, ~ 1 жѣ н  
жѣ, жѣ в мнѣ, е о мнѣ 2  
мнѣ 2, е 2 мнѣ 2 жѣ, - е  
- мнѣ 2, е 2 мнѣ 2 жѣ. е  
в / жѣ; мнѣ 2 жѣ 2, 2 жѣ, е 1 б  
- б / жѣ 2 жѣ 2, е - жѣ в  
жѣ 2, е б - б жѣ 2 жѣ 2 жѣ. а,  
- жѣ - жѣ 2 жѣ. н.

G. A. P. S. ...  
ab-ent.

Co, 11. 2/17..

plk

1200/1200 ~ 1200/1200.

26000, 1200? en 2600? en

en 1200000. en 1200 1200

1200? 1200, 1200, 1200 1200 1200?

1200 1200 1200 1200 1200

1200 1200 1200 1200 1200

1200 1200 1200 1200 1200

1200, 1200 1200 1200 1200

1200, 1200, 1200, 1200 1200; 1200

1200 1200 1200 1200 1200

ch. e n p u / , e , p ~  
c. o. b o n v : » b 2 0 ) v n « m n p o  
2 0 b e , p e , h , 2 2 h e , e b - / m  
L'. n e b ) r e n , c v d e b 2 9 , e  
p h , b / n . 9 h e h e . d 9 o  
p e ' t . 1 a t ; e b 2 n . 9 2 m /  
e c v n - m n m y s n .

o b v d , b p e n n , n b e , L h , 1 b  
w o , p y n / 2 2 o 2 o . 6 ) 2 p n D  
m o n , - o - 5 D e l , m 2 2 d  
m 2 ~ o e 2 , - n - e ~

Handwritten text, likely a list or notes, written in cursive. The text is illegible due to the cursive style and blurring. It appears to contain several lines of text, possibly including names, dates, or descriptions. The text is written in black ink on a white background.

- P/B; - v Co, e, P m  $\rightarrow$   $\circ^2$   
 b' l y 20. - n i s u n n,  
 g j' l h - g u ~ l o.  
 b<sup>2</sup> / n<sup>st</sup> . b l n n), o r b n n  
 $\circ^2$  l n. o a s o b l' g u l b?  
 n o r q b, i v z n g n l n,  
 o b v e n n v, b / o n. f u b v  
 c d' l o b - 2 s b v z m l g n s<sup>2</sup>  
 b e i o b, e - f j x f y n o; o r b  
 q o l n n n y l l', - e b e x l e n n  
 n b?



Wk, 2, 1, ~ d - wj r r p! - 1, 1 v j  
 - 2, p, d, ~ / j g b, j W, s, v  
 p e t : a - t - e a - w, ~ a -  
 v - j - p - r - L p 2, 1, ~ d R  
 w s p r, d, j p e 2 v - j  
 W, s, j, w l t e r h n. n, 1  
 d P, e, 1, m; ; - t - d c a, - 1 - t -  
 p / a. s, e s e r, d, 1, k o z l: » e s, c b  
 l o a « j r l r d ~ 4 x d j i  
 r, t - c l e s p t, c v, p o j  
 ^ e o j p r - j u b o t W. j d s

o z n n 1 n n, e n n k, o r  
e p j o, e. n. - 1 o s q z n p l  
p - d l n, s - b b o t, e b p p  
c. z t - o t, z t o n y: 1 a ~  
f r e s c h t. - u 1 e e o, z n i p l o s  
v z n j o. 1 n z p l t e, o t, 1 n j k o  
o l t, - q p l t n b n; k b n i c. 1  
c j z j n e o; n n b p, - 1 c n e o  
w w.

e n b e, e c t. 1 n t n n l, e - p  
e s n - o t z u: » 1 2 l o - « - : » 2 z



272 les: - biaz - d'ou m. 1  
ff m e r e l n l e r, - u e b b  
d'p l e n e r, - j h.

D. e r m u r - c r e s t u r ) 2,  
h e t o r u, o, 1 ~ u e o ^ 2 » S o -  
p h a « 20 Crébillon, ~ u \ H e l o i s e -  
f f e r / L a F o n t a i n e, 2 v p 2 f u s /  
u e e r g / D j g e r 2 \ R p f f p =  
~ u j . 2 ~ g f o f R, 1 c u r u r,  
b r l ~ - s s p R 2 f z ~ u r s v, u  
/ 2 2 ~ r e f f . \ h 1 - - l e r s \ x e

Handwritten text, likely a list or notes, written in cursive. The text is partially illegible due to blurring and handwriting style. Visible fragments include:

Handwritten text: »... 19 ... s<sup>2</sup> ... ~  
do. « ... ) ... - ... ~ ...  
... ~ ... / ... ~ ... ~ ...  
... , ... , ... ~ ... ~ ...  
... - ... ~ ... ~ ...  
... ~ ... ~ ... ~ ...  
... ~ ... ~ ... ~ ...  
... ~ ... ~ ... ~ ...  
... ~ ... ~ ... ~ ...  
... [Boudoir], ... ~ ... ~ ...



1. Jones es ad, jhen, -1 a om o  
 her 2 v. D<sup>2</sup> E j<sup>t</sup>, ad hoc e re -  
 will h, a u e s<sup>t</sup>, u e p<sup>t</sup> o, u h e - u  
 g l e m - u v g o, ~ o ~ o h 2  
 o 2 u j u, i<sup>2</sup>, j h e l s m  
 j<sup>t</sup>. e o n s - s h e - v h e d  
 j u, s u e t e o u h s - u h  
 j<sup>t</sup>: n D ~ - r v h e; - c o. D u -  
 o t, 2 v s m j g u, u e l t d - 2  
 u g u, s p, f e y l t. r u, - j u g e  
 s u, p ~ g o j o u u u - u - o t p 2:

»1 r u l b, - / . → p b, e b z e s : \

l b p u s ~ v. « e r n, p l o n d

l u n p, o i c. z ~ e l l u l o f o 2

u n z o r u. i n n r / p r, z o b y

o, e, → l v p s z p o p v i; - c z ~

v p u d, → ~ z u z p n, z, p n 2

~ f z o. → z p e ~ y p t n l

e l b z z, u i t r 2 / o, z r - y

y p. z o) ~ s o t z l u n n u

i n y e s n. c o e l, u j r l r

c o, e l t e.

non, e, e → z'p; -1 ~ ve  
ju, c, t ~ Gct ju - t.  
e' √ s' u a l d; -1, v, e b m  
Lp, ~, a r b s; z om n i' ju,  
v w fl.

Co, ~ 12. 2/ 17..







with 2 9 ~ Cut / M. o 250 /  
ver Susi ~ cod. y / S / S / - 2  
- 22 om 20 - L 2 om /  
e 3, u r l l n r, 27, co. l e f j m  
nt, 2 om r cr. 120 v q om  
22 om, 12 - l l S v cr, o. 66  
l / E n d. 1 p, 2 27, - p 2 e  
- o n y, co, o 1 ~ co, n b e l l  
o a. 1 co - h / p, n v z l, e, c  
~ 2 ~ n e v e l e f l - p p a t h  
l s ; q 2 n n p o n d o n n. n

Handwritten text, likely a list or notes, written in a cursive script. The text is arranged in approximately 12 lines, starting with 'Handwritten text' and ending with 'Handwritten text'. The characters are highly stylized and difficult to decipher, but appear to be a form of shorthand or a specific dialect.

g<sup>2</sup> v o w t e p p , i m n h o d . 1  
p t m n , - j d , l e r r u e h o 2 o ,  
o 2 m j o n ; i c o , p n j a n n , -  
v ' w , e v p b . c o p d n , -  
n d n s u d n , e i ' j o x u l l a  
w , - ' , - 2 n , p o f d e s o , o n  
i 2 l u r e v .

e<sup>2</sup> r e o p p , n e r h , n i w i c o  
o n , n u s l e d ~ w o f n o n j  
w o , o , o v z l , v m o u e l . 1 p p  
e i l e f / p n , i b t e n u o , v i z





2nd Ec. br.

$C_w \sim 13. \frac{2}{6} 17..$

est l

1200/200 ~ 30 L. no.

1 u o M, 2 u g o L., o m h o

u d / o, b / o, - 2 o u d o n. 1

2 l, 4 p, 7 ) o u e l l e n. 1 c 2 g e u

e n s m s h y p e n h; 1 p o s, 1 v m y

m u o M o. c b v 2 u g u, c

1 1 m p f. 1 - u e g ~ g e u s

u y [Belleruche] R Piquet m; - 1

2 o 2 m; R o u e y o n, D 2 9 0 2,

6 2 R h o o h 2 o o u / 2 u, 2 1 e

гн<sup>с</sup>.семм-мб, — гс,  
лр-рлггг. а, ргг,  
ргг глггг. рбгг.

св, 13. 2/17.



$\sigma^2, \mu) v e z y g, z y \in \dots$   
 $\dots, \rho \times \dots - \dots - \dots$   
 $\dots \dots \dots \dots \dots \dots$   
 $\dots, v \dots; \dots \dots \dots \dots$   
 $\dots \dots \dots \dots \dots \dots$   
 $\dots \dots$

$\dots \dots \dots \dots \dots \dots$   
 $\dots \dots \dots \dots \dots \dots$   
 $\dots \dots \dots \dots \dots \dots$   
 $\dots \dots \dots \dots \dots \dots$   
 $\dots \dots \dots \dots \dots \dots$



...! e d l, o v e l e d l e z l - v  
M, e r p o z j e n t, z j u j a . 1  
\* r M n o z, c, l b l t, o u n j u m n i;  
e t e a, c v e b, u n j r l o s - e  
4 v o s; m e d l. o, z k l o r i, 1 -  
L e t d l. 1 k p o m.

Cw, ~ 14. 2/17..

light











Op 16

22 L r o o b z m s.

D, 2 o b, 1 2 ~ p! W e l, 6 /  
o n, u, 1 2 0 2 h o r e s p h, - i g u o 1.  
x e r s ... 1 u - g p t, e 1 2 / f u n 1  
o / c r u m. o o o 1, e S L r  
p e r u e p t, ~ 1 u u 1 2 R - b S  
u s, M, 2 1 e 1 2 S R p t; 1 - 1 2  
u e 2 e s p h, u p l o, M e. o  
f o . - L p t, - L p, u -  
L p, e - v o o s u. o 1 r h t e r, x e t.

u, u, /; u, o - d u e z. r  
v a - d p o o d; - t e o, c, v o s,  
p - v, r e g; - u l p, f u, z  
v j o ~ u y o f u. r h p u, z o v  
z l r u, - n, v ~ z o u, u, v, - u  
r e c v ~ u e, d r e j p u. r d ~ i  
c - u d u l r e f e y; - u v u -  
r, l, h o t. - v u o h e d z. - o u;  
o, r u e - r u r u d h z e p u  
a, z t, r z l z, - u b e z ~ o  
~ p o t, - g p t u l s r! d! c e, o b c o

1.  $v \sim \int \frac{1}{\omega} \dots$ ,  $u \sim \frac{1}{\omega} \dots$ ,  $v \sim$   
 ...  $\sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$   
 $u \sim \frac{1}{\omega} \dots$ ,  $v \sim \frac{1}{\omega} \dots$

H, 2 k l o r, — o r r, v p b, —  
o v, n z w j. °, s r k x v ? ,  
e, e) e / y t, — d w, — s v; — c, —  
/ 4, — c o, ' — L p o. — i h p — M e  
l r! c o v d e y v ? u e ' p / u o s o. 1. 1 2  
b, h s w s e x / h, 1 c o, o o b v p d.  
1 v r L b — d p l, c o p l c v. u  
d s p, r o ~ u o z y z, — e M u s  
E, 2 u z y / l e n, — o, ~ u M m  
e. d / z y p l. e ~ u / p s w j z y  
— o — h — f — j u ? e u o d ~ h

—  $u, \sim \text{le} - \text{gb.} - \text{ei} \cdot \partial \partial \partial$   
 $u. - \partial, c, \kappa o L^x, \text{col} / \text{ny} \text{R} \text{C} \text{v}, \text{f}^x$   
 $\text{a} \text{L} \text{e} \text{a} \text{s} \text{b} \text{o} \text{u} \text{u} \text{y} \text{f} \text{v} \text{u} \text{m} \text{?} \text{e} \text{s}$   
 $\text{c} \text{v} - \text{v} \partial \partial \mu, \text{e.} \text{L} \text{p} \text{u} \text{d}; - \text{f} \text{W}$   
 $- \text{f.} \text{c.} \text{v} \text{b} \text{p} \text{u} \text{z}, \text{u} \text{a} \text{Q}, \partial \text{z}$   
 $1/2 \text{K} \text{f.} \text{e} \text{o} \text{s}, \text{h} \text{f} \text{u} \text{s} \text{o} \text{z} \text{z}$   
 $\text{u} \text{e}, - \text{c}, \text{e} \text{u} \text{y} \text{z}, - \text{c}, \text{r} \text{e} \text{o} \text{y} \text{u} \text{c}$   
 $\text{r} \text{e} \text{z}, \text{c} \text{o} \text{b} \text{v} \checkmark, - \text{c}, \text{v} \text{f} \text{y} \text{u} \text{h} \text{z.}$   
 $\text{f} \checkmark \text{b} \text{v}, \text{R} \text{K} \text{o} \text{f} \text{p} \text{u}, \text{e.} \text{f} \text{u} \text{u}$   
 $- \text{L} \text{p} \text{!}, \text{v} \text{R} \text{p} \text{u.}$   
 $\text{a}, \text{z} \text{K} \text{L} \text{e} \text{r.} \text{o} \text{v} \text{L} \text{e} \text{u}, \text{c} \text{y} \text{e} \text{x}$

erb.

$C_{\infty} \sim 19. \frac{2}{6} 17..$

gylk

gæwærs ~ 3w L. no.

u L. ! s, i, 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.



D! on b ~ c d, - 2 o k' r a n o.

u, u b - e f h, u m b, e ~ c d

v p r t h n. b 2 f ~ g o. p b c, s d

m e d p r o, - m 2 c d m x

~ 1, 2 3 4 5, m?

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x, z, m, j, h, u, i, z, d, h, s, u, d, u, r  
w, o, j, h, u, u, o, p, o, n, e, o, ) / c, b, - e, o  
j, u, p, u.

h S a e — j r 2 s, u, r p o  
m z p ~ l y p, i r l w, h e  
j o z. b ~ m) e m, e' w e r y a,  
e, D r ~ l y p u. j r ~ m  
k, z<sup>2</sup>, v s r h a w t, - s v p h z  
z g, r ~ k z m p j m. i z p p h,  
o b e<sup>2</sup> e n<sup>o</sup> k o z. P o i ~ k z m e p  
- b e r p h: u s e f e s t, u k ~ o  
L w. i<sup>c</sup> ~ z m e j u v o, u z u  
z.  
i m, e - n', i z l s \ h o z m o ~

gl. 1 - E / u r, - o l o n m, v, 1 q  
h x v 2, o r r, 1 p m, v l - w  
z r / y l m, o e v / f s u, f ~ b /  
en.

v, r z u l o.

z o ..., ~ 21. v / 17 ..., 4 - p.

Handwritten text, possibly a name or title.

~ L m b o s, o, o, 1, 90 2a » D! , p r «  
p d 2. 202 h, 4 c t a 2 n 2  
v z p o ! p c h o s o n n e  
p t e b t o p h o ? - c r  
y e r b h ? D, - / L, m t, e r  
z p, e, g l n t ; / l, t p h, - t e r, e  
o p u e h ; - e, e a f t e r n m e r  
n b e r e l.

c v e l \_ , b h <sup>2</sup> p r ; m o s e  
n t, l e c t o l b o t, ) / o u n  
y n, n e l e n t o s, b / o r. b

Handwritten text, likely a list or notes, written in cursive. The text is mostly illegible due to the cursive style and some fading. It appears to contain several lines of text, possibly including names or technical terms. The text is written in black ink on a light-colored background.



13.

1-6/42-1 m/1, p, v, s, r, u

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, 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

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.

~ 20.  $\frac{2}{6}$  17..



с о — т . : в б с . а т г л  
а , 2 ~ о с е , р е . , м о с т о г  
г л , е б н , к о л / 2 . 4 5 а с  
о б о , ~ с о , в , н о 2 р е г л  
о о с т . 2 г л ~ е с  
о : б о в м н о - а б , e , n  
о р с е н . - 1 о о ~ с о -  
о б о 2 , 2 , с о с 2 ' h m b , о  
о о ; , г л с о с т 5 9 , с о s 1 , о 1  
о г , о : - 1 , о г , о -  
о о , с о . 1 с о с т о -

b, e, r, 26 / fl, u / d. ~ uer gh  
d' b, b ~ ggr, - r b e. b g u r  
er, e r l p a; b r t r n, e b ~ ggr  
n r h<sup>c</sup>, co v / ggr n<sup>d</sup>, e, r ~  
p r / ggr 2<sup>s</sup>. 1 b<sup>t</sup>, e r ~ u r o  
o g r - ggr u r a l p a, c s b  
g h o a t; e e a ~ g r u r a  
u r n, c - v r, m r / u r n. ~  
u r b d; - 2 b d r n r g h o t e  
e. 1 b e ~ r d<sup>h</sup> u r, 2<sup>2</sup> 1 b b<sup>t</sup>, 2 b  
c, r p r, v s r g r o / u r n, -



h, 1 fe | g... e 2, ) ~ 9 4 9 |

h... n fe... - a, 1 2 2 f | g h:

h, 2 ko: 6 v o v ~ h - la e a g h, -

h, e b g h s 9 n h h h, -

h h h h h h.

h h h h h h h h, h h h

es.

h o ..., ~ 21. 2/ 17..



Handwritten text in a cursive script, possibly a list or a set of notes. The text is written in dark ink on a light background. The characters are highly stylized and difficult to decipher, but appear to be a form of shorthand or a specific dialect of a language. The text is arranged in approximately 12 lines, with some lines starting with a small symbol or character. The overall appearance is that of a personal or working document.

~ , ~ ~ , 1 2 4 b h l , e c 1 b  
~ , <sup>s</sup> 1 2 e l 2 e c / S m n , <sup>s</sup> 1 2  
~ d e p u u , b h o p u / 2 . f  
~ , l j ' p o , e 1 b / h , e 1 b ~ h c ,  
w e p , 1 2 2 ~ l e j u e n , b  
1 2 2 ~ 2 j o .

1 2 2 , - e 2 ~ p l e , 1 2 2 , b <sup>s</sup> ~  
p o r h p m , 1 2 o u e t , o D b  
~ j l e , 2 m p h e l u j o , ~ h ,  
1 b u ~ e t , c w e b b 2 m ~ h p  
o p u p . b m u p l , ~ , b m u p

1.  $\circ d \rightarrow n b / p d, \sim \mathcal{L} s \wedge p l / z,$   
 $c b z v s e m p l, \dots / \rightarrow n e n$   
 $a; \rightarrow n b) / l w d p d, v \rightarrow \mathcal{L} /$   
 $f u, \sim, / \rightarrow n o o. - b e n s v, e$   
 $1 \sim p u m, \sim p l \rightarrow ! \sim 2: p =$   
 $z u - n o, e^2, p l, v m / n$   
 $p l, \rightarrow n m, o d / l e n; e^c b e n$   
 $e \mathcal{L} s z \mathcal{L} b z, - p \rightarrow v m,$   
 $\rightarrow n e' e n t / p o. n m, 1 \mathcal{L} \sim$   
 $\sim \sim \mathcal{L}, v, \mathcal{L} e w, 1 - 2 \sim$   
 $p l^o \mathcal{L} o n, \rightarrow n o o \mathcal{L} p. b$



26, 06 v ~ 2 ~ 0 m <sup>2</sup>; 1 c ~ M,  
4 D ~ p, 90 hoo p, ~ ~  
g h e a.

~ 21. 2/ 17..

Handwritten text, possibly a name or title.

Des p; - o b e n h, c o v l, m  
v, l u - e b - . 1 - m  
c d z e p l. - 6 - m u n t, - 1  
c o l, c o - v p c v. o z b, -  
M, o f m m m.

~ l e n, n e t b, h i - m o n, p e ~  
L e n o v ` g e l e n s p p. - ! 1  
g e m, o 1 ~ l l e, c h i n / c o e c r;  
m 1 - / m - w o n, e 1 f m h g e o 1  
~ o. o z b, 1 v l m m n p o m n  
e, o e, v ~ l / p p - . 1 c h e, 1

erl p e / o n , - 1 n n s t r , e 1  
w r t , 1 p u p e s , u o t , - c v  
g u o , p o , - 1 n - D , e u 1 v y  
w u , p / x w t , - d n t , v / d t , -  
d / L

1 2 p t ~ e n p o p p u , - e w  
t , 2 p / o n , e r v / u e j u m -  
L p j d , v e - e ; - e 1 p / x w t ,  
o 1 , e , L p ; - e w v p p u ; - e 1 n  
/ u c o , c o L , - 1 v o j u e n i  
o n o v u t , n o t h , c v - o n g f , c 1 p

1)  $\int \int x^2 dx dy = \int x^2 dx \int dy = \frac{x^3}{3} y + C$   
 $\int \int y^2 dx dy = \int y^2 dx \int dy = \frac{y^3}{3} x + C$   
 $\int \int xy dx dy = \int xy dx \int dy = \frac{xy^2}{2} + C$   
 $\int \int x^2 y dx dy = \int x^2 dx \int y dy = \frac{x^3}{3} \frac{y^2}{2} + C$   
 $\int \int y^2 x dx dy = \int y^2 dy \int x dx = \frac{y^3}{3} \frac{x^2}{2} + C$   
 $\int \int xy^2 dx dy = \int xy^2 dx \int dy = \frac{xy^3}{3} + C$   
 $\int \int x^2 y^2 dx dy = \int x^2 dx \int y^2 dy = \frac{x^3}{3} \frac{y^3}{3} + C$   
 $\int \int x^2 y dx dy = \int x^2 dx \int y dy = \frac{x^3}{3} \frac{y^2}{2} + C$   
 $\int \int y^2 x dx dy = \int y^2 dy \int x dx = \frac{y^3}{3} \frac{x^2}{2} + C$   
 $\int \int xy^2 dx dy = \int xy^2 dx \int dy = \frac{xy^3}{3} + C$   
 $\int \int x^2 y^2 dx dy = \int x^2 dx \int y^2 dy = \frac{x^3}{3} \frac{y^3}{3} + C$   
 $\int \int x^2 y dx dy = \int x^2 dx \int y dy = \frac{x^3}{3} \frac{y^2}{2} + C$   
 $\int \int y^2 x dx dy = \int y^2 dy \int x dx = \frac{y^3}{3} \frac{x^2}{2} + C$   
 $\int \int xy^2 dx dy = \int xy^2 dx \int dy = \frac{xy^3}{3} + C$   
 $\int \int x^2 y^2 dx dy = \int x^2 dx \int y^2 dy = \frac{x^3}{3} \frac{y^3}{3} + C$

~ 6 / fur. u 3 v pt, e - fl -, her /  
h, u cur e? cov, h her, ; e` ger  
Sens pt 2, e - u / fl cv, - elb -  
uq h. ce - ; - o m / ~, cur, 11  
p or h<sup>5</sup>. e i e - ko flo,  
L<sup>2</sup> e, 2 v ur b r o n, e h S, e...  
u 2, ... h, - 6 p ex l, o r e ko flo  
cv - d v, y t, e b x v l o<sup>5</sup>, c b  
- h, e, l e n e n s l e f p e. u  
u d v p m o ~ r e - d v u n i. 1  
h, b - v p s h, o b v o<sup>2</sup> n b n,

Hjz/vuel; d, b, m, e, v, e, n  
/wpl. u b, i b v o l o n z, b o p p, c o  
e; - c b - o, z l, u b - v o n, / a?  
H z, ~ o n u l l p u; u e s b v  
w, m, j, k, l, y, i, p, u, m - o j  
o - h a s r l e d.

Co, ~ 23. 2/17..



- n - —, e. ) 2 n — g h b  
unt, o b) ) / e n b h!

b — / g u n o, o b 2 b. n b v,

z h, 2 h d, s k e —, e d /,

g u n b h, e d — n d z, g u n /

g u. d / z s z b, i n h — b<sup>2</sup>,

c b b / n b; 1 z o b z v g o, l 1 b

h u n. 1 c o, o z v e c', - 1 g

v e x /, e 1 e z n l y h<sup>c</sup>; n 1 e

z h, s ~ v o z y + z', - e; n

n e / o n, o b o r z y. 1 — n h, b



1. erl / r s - x / z h; 1. r - r b  
- p p; 1. l of 2 m m - b e z e z  
p. n z e, l of - r z m z p  
z he.

Co, ~ 23. 2/17..

~ f p l l

22 L r o o b z m s.

12 e p b p, o b, e - l e n, z m z

f u e l, - d b r, e, e, v u l

v, e r s f d j o, ' 2 g e e n s - v

f m u w i. l e, e, n l, ; e h s

w s, i e p o y y, p o p l o o i. 12 r

e o p e. b p b p e e, u n d i r e o

f l, u b, e e s d ~ h e c v; b u l

~, e b e r l l, o u l d, u

d m o g e o, 2 b j o, e, i s e n t =



u l e v h. h s u s o t v, b<sup>x</sup> v d p  
s, s<sup>2</sup> x e n, v m<sup>x</sup>, v p e r,  
m, - d o j f u s, - 4. e b e, b v  
p s e r l e s m a, - e d ~ u s, e b  
p o n. b o v ~ q u, v i s ~ p u j  
o n, c e e o o n ~ t, s ~ v u r  
y z ~ p o - e ~ t b m. i<sup>c</sup> r d i e t  
o n.

i d w a r, e - h, i n v u o d ; )  
u r p p w o r u. - o m ~ v l  
p, r r u n j o. b o v m, e b v







$C_{22}$  22 22  $v_1, -e b e s^2, e b \sim b_2$

2.1  $C_{10}, 10 \sim p_1$

$e s^1, s b s - \int 2 p_2 p_2 \sim \int 2, 1 \sim$

$e s, e b$   $p_1 v_1 - 2 b, e b - D^c$

$C_{20}, \sim 24. 2/17..$

~vll

~xvll ~zvll

h, h, r ~vll ~vll, c, 1

В, е, и, н, о, р.

col ~ ~ ~ ~ ~ ! ~ ~ ~ ~ ~

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

~ ~ ~ ~ ~ ' ~ ~ ~ ~ ~ ' ~ ~ ~ ~ ~

~ ~ ~ ~ ~ ! ~ ~ ~ ~ ~ / ~ ~ ~ ~ ~

~ ~ ~ ~ ~ » ~ ~ ~ ~ ~ « ~ ~ ~ ~ ~

~ ~ ~ ~ ~ - ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

~ ~ ~ ~ ~ - ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

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

~ ~ ~ ~ ~ / ~ ~ ~ ~ ~ , ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

~ ~ ~ ~ ~ , ~ ~ ~ ~ ~ / ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

26 - es / us / v, u o c w / 2? 2  
b) / p: ~ no ~ r ~ r ~ r p l, - 12 R  
90 r o d? p b - v, e b l ~ b, p w  
w p r 2 v o ~ c, - 2 ~ 2 l 90 p b c  
1 ~ 2 p r, - e p r w / k, e, r p c 2)  
k, - 1, b a n k 2 ' v, p v e n, e b e  
u s n 2 v l e n. o s, 2 ~ p c 3 w, 1  
p c i e s, c 1 / m e l. 1 ~ b / o,  
c ~ 1, 2 b e p r. o s, p l, 1 1 R 2  
M!

W, ~ 25. 2 / 17..



Handwritten musical notation, possibly a single note or a short melodic fragment.

Handwritten text, possibly a name or a title, written in a cursive script.

Handwritten text, consisting of several lines of cursive script, possibly a letter or a document.



e/2en, 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





W, r, l, m, - 66 W e j - r d ) o ~  
L u o p r z, e t f u ~ r h o o j, - 1 r  
m b n j, ~, e b o, e m ~.  
c o p W, c, p / r u l l t s, i. h. p o  
g r, z m S l e l, - ' s g r, e.  
- ' l o c m b n j, c t, p o f m: b  
o - y o, e z o m e l W, b /  
u m m, ) e x / u m - ) m j k e h. z S  
l e l l o r z u m, o l z o r m,  
o l e h o o p h m f z u e m l, e, r,  
z f z ' p o f / u o, p r, z z h g u e



16m ~ b. uen b, c b / sh 2<sup>c</sup>:  
s' ~ o k ~ z, i ~ ~ we z,  
c b e l ~ ) m l f b e, s' h m  
c o z y, i - L<sup>c</sup>, o r b / ~ ~ we  
z, z b e l / sh, we p / 2. uen b, e b z  
p uen ko L, c o b z t m / L / o n<sup>z</sup>.  
- w k z l ~ h ~ z, l, z s l e d  
~ j o / z<sup>s</sup>, ~ z y b<sup>z</sup>, i - d b h,  
j ~ z p l e a / j z ~ m - b, b b h e  
! ~ z b x, ~ z b x, i y ~ b... p z  
z w l, b / y z, - u b z l e d

$p; b b p r o v e n s n, b r o$   
 $p s h m. b c r l o f f b e r - ,$   
 $c o f , f c r s b. n, - n, e b) s$   
 $r, l o b o r s s w b s, u n n 2$   
 $r n.$

$C w, \sim 24. 2/ 17..$



а, - е с о, и г з, е - н о л т р у  
е н д, с в е н - с т г н о з h n.  
и, а з з а, е б) / f h z o  
2. и н у е н, е б / o, с з е в  
' з о f, g h / u o, e b) m z o? v  
z l, e e - b e n; , / u o c n, - 2  
2 r k o g h, z o z m - / -  
о м. и с о f - m, z h y, m -  
o / z h, c b / a z, 2 f g o n y /  
[ l m? c n z m o f, l t y o m  
2 m f, z u b, e g y o - n

... , ... / ... - ... /  
... .. , ... ..  
... .. , ... .. , ... ..  
... .. , ... .. , ... ..  
... .. ) ... .. , ... ..  
» ... « / ... , ... : » ... « . ...  
... .. / ... .. - ... ..  
... .. - ... ..  
... .. , ... .. , ... ..  
... .. - ... .. , ... ..  
... .. / ... .. . ... ..

Per 200 - 2/6 - 2/10, 1/10  
→ 4<sup>2</sup>, 0, 2) / 1/10

2 Ko! - 1/10, 2/10, 3/10, 4/10  
2 - 1/10, 2/10, 3/10, 4/10  
1/10, 2/10, 3/10, 4/10  
1/10, 2/10, 3/10, 4/10  
1/10, 2/10, 3/10, 4/10  
1/10, 2/10, 3/10, 4/10  
1/10, 2/10, 3/10, 4/10  
1/10, 2/10, 3/10, 4/10  
1/10, 2/10, 3/10, 4/10  
1/10, 2/10, 3/10, 4/10



260, 1st: 2' 5m 2m, 66/2  
for. 160, 2m 6 24/2, -  
165 - 170/2. 160, 194 2  
163, 171/2 160 170/2. - 171  
160 170 170 - 170 170  
160 170 170/2 160 170/2  
170.

160 170 170, 160 170/2 170, 160  
170 170 170 170 170 170  
170 170, - 170 170 170 170  
170.

1.  $z \sim \sqrt{2} \sqrt{1 - \cos \theta}$ ,  $1 - \cos \theta \sim \frac{\theta^2}{2}$ ,  
if  $\theta \ll 1$ ,  $\sqrt{1 - \cos \theta} \sim \frac{\theta}{\sqrt{2}}$ .  
If  $\theta \sim 1$ ,  $\sqrt{1 - \cos \theta} \sim \sqrt{2} \sin \frac{\theta}{2}$ ,  
for  $\theta \sim 2$ ,  $\sqrt{1 - \cos \theta} \sim \sqrt{2} \sin 1$ ,  
and  $\sqrt{1 - \cos \theta} \sim \sqrt{2} \sin \frac{\theta}{2}$ .  
2.

$\omega \sim 24.26 \cdot 17..$

h-e-b-l

h-e-b-l, w-e-s-t

o-n-t-r-y-p-e-d, v-g-u-l-o-r, n

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

s-p-r-i-t? i-n, i-n-f-l-i-m-i-t

t-c-l-j-n-i; -w-j-e-s-j-f-u

n-e-h-e-w-a-b-o-d! i-n-t-d

u-m, e-b-t-e-r-s-r-e-h-e-

-j-w-j-n-s, i-n-o-f-f-u-n

-) -p-o-p-u-l-a-r, w-o-r-d, j-u-s-t-i

h-e, i-o / e-s-m-t, i

z. l. W. j u g v, l b e s  
y t, e, l u, i e r o → y e s r u l l  
x t, p u c t o, b, - e b e s  
o s - p u o, ~ l j z, e r ~  
v h m ~ v o s t.

— e o —, ~ t b \* m o n, e) e  
h p l s r u l e u e r b. b z u v b z, 1

z. c. j f u - f u, c o u l ' l e.

o ' p l s 19. j z u o r r y, 1  
j z e h t 2, 2 ~ 2 p u t e u m z  
v j r e h y e, e r p u t e p u t.

ce — c n, '6 v p j u, e, v p u n d  
z ~ z u g l i c h, e z ~ u j u n e r,  
- p b s ~ c o u d o. b z u z,  
u d o m m n o. / p u e, e b b /  
u s t, b [refüsiert] b b — u. t e u  
u — z b —, p / u.  
b u m), p c b o u d z, i r ~ b u g l i c h  
- d' j u u ~ g l i c h. b u u, e  
i r u u u, — u r g i o ~ z, —  
e b ~ p u u u. — u u, i v u b  
j o, e u b, e r e q u e ~ b



over energy like 26, 1 ~ 26 2)  
Wm: m b r o ~ 26, - 2 26, 1  
β ps / 26 26 ~ 26, 26 / 26 ~ 26  
→ 26 ~ 26 ~ 26 ~ 26  
1 26 26 ~ 26. 26 26 26 ~ 26  
26 26 ~ 26 ~ 26 ~ 26, 26 26 ~  
26 ~ 26 ~ 26 ~ 26, 26 ~ 26 ~ 26  
26 26. 26 26 ~ 26 ~ 26 ~ 26  
→ 26 ~ 26 ~ 26 ~ 26 ~ 26 ~ 26  
26 26, 26 ~ 26 26, - 1 ~ 26, 26  
26 26. 1 26 26 ~ 26 ~ 26 ~ 26

U, 21/10, 0 - 10 - am -  
erdf.

6. m. p., 1/2 m. 2 1/2 p. m.  
nd by am - ~ ~ 2. 1. be 90  
~ p.

22/10/2020, U.S. Co., 1/2  
e. 1/2 p. 1/2 h. - 1/2 p. 1/2  
" Co. 2 - 1/2 p. 1/2 h.  
1/2 p. 1/2 h. 1/2 p. 1/2 h.  
1/2 p. 1/2 h. 1/2 p. 1/2 h.  
1/2 p. 1/2 h. 1/2 p. 1/2 h.



er - x' U, e - j k g u a n z - ,  
null' C b a t , s t e o o a n .  
C b a r e .

h s a e h i , P o . m » S e h ! « - b  
n h s u d ~ U . » e . 1 , z o f f z o z o , «  
o t b z k o l o t <sup>r</sup> L - U z e b s . ' t  
o t r e o - z f z n - 2 r e y s r  
P , e h s a e , u n t - o t : » c o z b  
e i ? « , h u l e o n s - z t : » r U .  
c o z p i « , f l u n n o t 1 , z e p p e ,  
P m c t - a ) e r s r u n j / z h ,

еб — и, о д р б ~ л, ~ б / о / б а  
а. 1, р о н м y - с т / — м н: »  
к о м о о o b p z h, e' l m d  
— u f u o z y w' . « j m w b z  
p z w l o s - i m y — z h m . »  
d / e r, « x t b, » , p l e m - s , i  
y / v, e z b v / j m p d . « » h, a  
e. ? « h h s a c . » . | g h, «  
x t, j z f j, » u' l e b v,  
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St. Petersburg, 1857.

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ебр — сн, ірм<sup>х</sup>, ес, іг, оу, б, /  
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el /  $\gamma$   $\theta$   $\sim$   $b$   $\theta$   $h$ ,  $e_2$   $\sim$   $\sim$   
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p. h. e. z. b. l. v. i. v. i. v. i. v. i. v. i. v.

Handwritten text in a cursive script, possibly a form or document. The text is written in a dark ink on a light background. The characters are highly stylized and difficult to decipher. The text appears to be organized into several lines, with some characters resembling numbers and others resembling letters. The overall appearance is that of a handwritten document or form.



Handwritten text, likely a list or notes, consisting of several lines of cursive script. The text is difficult to decipher due to its cursive style and some illegible characters. It appears to be a list of items or a set of instructions.

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we 2 ~ 6 ~ 6 ... u. 1 u m 2 y k u,  
s v D j - 0 u, 2 5 \ C u j o. ~  
m o, e r o - u g o p f u e s, e v 2  
r j u n z u e d - h y d u e - o u o f )  
g h o \ o m z e o u e z o f t . 1 u u.  
k a b u, 1 e, e e 2, 3 o u e g \ u u  
L o l u o u l e z u o u g p f - e e  
e z u l u ~ z j i c u. ~  
u n t ) / u l e - z u e t o u o, e  
u u g e; \ g v - s, u o u, e v, f  
u, u e ~ b j u n m c o 1 e D u.



o on oypk, — e r r z ~ z, - 1  
M o f u. 1 d, ~ s u t - h u m i  
z u p u f, 1 u e s g e - v z u ° l e o p. 1  
f g u - t D, ~ u u p o v p u -  
o p e a l g u, e 1 r p, / e s p z °  
z u e s v r / u u.

z u i g i l n D, e v u ° f u e d,  
w e 1 ~ z z u l r u f u; - v u  
g o, r - u z ° u - u s z ~ u u o  
v e h o / f u, u u l u e u d f u, -  
r z ° u - r s g e z u o s u - z o



... 111 S S a e j s m 2, /  
... p. - e c v - v D t, i m  
L n o / o r.

... v z u e. i c ~ 2 o m m 2, 6 /  
... e' z u e s l' o o n.

C..., ~ 30. 2/ 17..

— Syd U

— Syd U — Syd U — Syd U. (22 Cb

— Syd U.

— Syd U, we ch, in 2



no, '6 Pehr. — A, P l, u, y,  
 j' b P u n n. s o v r e f u n ~  
 b T L e; s o g e, c v e r y l l s —  
 — c e n A — d n o t m. s o  
 z l r y o j m i: 1 l, 1 n, ~  
 c u b, ' b, s ^ 2, m f u; j b e d j u  
 p — ' j p t s o m l v l a, —, c e s  
 ~ z u f u, b d j t u! ... y z u b, 1 u t  
 b, 1 m r u o. 1 d P L c m ~  
 e f m, 1 b / L u n ... —, r o b l ~  
 m u o, 2 s o L u n y o z j c, 2 l e r







$\rho^2 \mu \sim \nu \nu \sim \rho^2, / \nu$   
 $\rho^2, \nu \nu, \nu / \nu, \nu / \nu$   
 $\rho^2, \nu, \nu \nu, \nu, \nu / \nu$   
 $\rho^2, \nu \nu \nu, \nu, \nu$

$\rho^2, \nu \nu \nu, \nu, \nu$   
 $\rho^2, \nu \nu \nu, \nu, \nu$   
 $\rho^2, \nu \nu \nu, \nu, \nu$   
 $\rho^2, \nu \nu \nu, \nu, \nu$   
 $\rho^2, \nu \nu \nu, \nu, \nu$   
 $\rho^2, \nu \nu \nu, \nu, \nu$   
 $\rho^2, \nu \nu \nu, \nu, \nu$

e → 21 p m d - 22 p, c, 1 ~  
u u c. 12 l, e, 22 way 2 e  
22 p d 2' - 21 p m d y h' o, 1  
h n.

u b c. 1 n m b n, e, c v w / c v,  
h v j h, - 22 p d o b c n, ~, 1 h x.  
u e d o, c o 1 m o n, - e i f u, o 1  
e h.

~ 31. 2/ 17..

~ blyt ll

h s h h ~ h s h h.

— b o b, w z, l ~, m w t, v 2

— e j j h: — d, v l e s h h, c b v

l r b f h, 2 v z h, v d e 2

h h, c, b — e j — v h h e h t.

h h: c, 2 ~ z h h h, v 9

z a b h j h, h, b, o v z,

z m j h h e i e z 2 h h, c b h,

h — h h j j h, c o h b e s? ~ b

j h v — h j h h e f. a' h ~ v

2 ~ 60' will do, ~ 2; 5' less  
~ 1/2" ~ 2" no less c/2 ~ 2  
D.H.?

66, 1/2", 1/2" ~ 1/2" ~ 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"?

67, 1/2" ~ 1/2" ~ 1/2" ~ 1/2"  
1/2", 1/2" ~ 1/2" ~ 1/2" ~ 1/2"

\*, ein recht zurecht  
erfolgt, in groß, ein  
but, es / zu.

- Derrom 4 1/2 p m. A. l. u. z  
Wo 6 p m. l. u. z, ~ 1/2 m. e  
o. f. t. ~ 2 m. l. u. z  
o. f. t. ~ 2 p. s. 2 x. 2 b. l. u. z  
1, 6 b. l. u. z ~ 2 p. s. 2 x. 2 b. l. u. z  
2. 2 b. l. u. z ~ 1/2 m. e  
m. l. u. z ~ 1/2 m. e ~ 2 b. l. u. z  
f. t. o. z ~ 2 m. l. u. z ~ 2 p. s. 2 x. 2 b. l. u. z



1.  $\mu = \frac{1}{2} \sigma^2$   $\Rightarrow$   $\mu = \frac{1}{2} \sigma^2$   $\Rightarrow$   $\mu = \frac{1}{2} \sigma^2$   
2.  $\mu = \frac{1}{2} \sigma^2$   $\Rightarrow$   $\mu = \frac{1}{2} \sigma^2$   $\Rightarrow$   $\mu = \frac{1}{2} \sigma^2$   
erl.

~ 1. Apr 17..

f-lyt ll

120/120 ~ 120/120

120, 120, 120, 120, 120, 120, 120, 120

120, 120, 120, 120, 120, 120, 120, 120

120, 120, 120, 120, 120, 120, 120, 120

120, 120, 120, 120, 120, 120, 120, 120

120, 120, 120, 120, 120, 120, 120, 120

120, 120, 120, 120, 120, 120, 120, 120

120, 120, 120, 120, 120, 120, 120, 120

120, 120, 120, 120, 120, 120, 120, 120

120, 120, 120, 120, 120, 120, 120, 120

red Ten / m, es b, k m i h  
v.

h. ~ ~ ~ p, - g n u / m, c y 11  
2 b 6 2, 20, m q n u k j u; v

g h e t p, r c, i, v u b l.

6 2 2, e v, f l, b o n e f f e n. n

h b 2 d /, e 1 m y 2 m, i, c

1 2 ~ v. o. :

c b D ~ ~ ~ p p l ^ 2, - 2 b 2 m

e n s o o t h i; v w e j. v d; e i x

. p r. e n u l h a i; v p o - d

es es, D es, a ~ n o n t e ; - o  
y E b, n d ~ 2 L, - b - e s m. b  
y v ~ n n n p n ~ 2 ~ n n,  
v p n e y t, o o ~ b s e r. b y t  
v ~ n y e l l, - a n t y e [Kapuzi-  
nade]. b G e t - n y s e 2 v, - ~  
c d / o n, e ~ b p ~ 2. d M b v  
e u z / p n n n n, e b ~ n ) e n n, e 1  
p r - p l e n n n n p n y l h u  
l o n n ~ 2 ~ p p o 1 e - e z, e b n  
e n n n o p ; 1 n n t - n o l u





-v p r z l, e - h, i - ~ w' / 2  
g h U - 2 y z - w h - v, / 6  
w w', e 2 c / j k.

w o' d - m g r z f 2 w s /  
w, v n a w - f n / g /

r, x, ~ b y, d' u, e - 2 l e n

y o n c v, o r e j o n - / j f u, - e

- d b c v, u - m p u - d

p m; d y, ~ h' p m' m

y p u - d b s e r, e n s ~

w e s j p m. i f h - t e o y ~ v,

- 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

~ 2000. 2012 ~ a few  
of 2, 62 1/2 1/2 1/2 1/2 1/2  
as, but, - the 6) ~ 1000 -  
6 R ~ 10! - 10 - 10, 10/10, 10  
1 - 10, 2 1/2 1/2 1/2 1/2 1/2  
10 10 10 10, - 10 10 10 10  
10 10, 10 10, 10 10 10 10  
10 - 10, 10 10 10 10 10.

~ 2. Apr 17..



6 N 2 1000, 2, 1000 / 1000, 10  
10 1000? - 6, 1000, 10 -  
1000? 1000, 1000 - 1000 -  
1000 / 1000, 1000 / 1000, 1000;  
1000 1000 - 1000 1000 1000  
1000?

6 10, 1000, 1000, - 6 - 1000, 10  
1000, 1000, 1000, 1000. 10  
1000: 1000 - 1000, 1000, 1000, 1000 /  
1000. 1000 1000, 1000 - 1000  
1000?, 1000 1000, 1000 1000 1000, 1000

б зр, 1 сн лв, 1 гвс з лх, 1  
нб мз мс б р лв о з' м? б  
у л' к, б, 1 б, 2 о з, е б м, 1 р р, 1  
лв, о) 1 / 2 / с м м - 1, нб,  
зр, 1 1 рс, е 1, 1 к л р. н б  
г р р, р б, 1 р р; е с е 1, 2  
н м н з с, с е б е р е, у о /  
л з м б р. б' - л н, н б м з, 1 1  
н б рс, н р р л - ) е л н, р з  
2 - о / о, о 1 н с. б' / л р е,  
р о м н с л / 2, б л р / - 2 2 9

La Cb, es b r ~ Co ror r r, c  
b d r s d, c p p. b v n r ror r r. b  
r c r ~ r r r ~ r r r r r r; -  
w r \_ r r r, e b / r r r r r: b  
b. r r r, e b) ~ b r r. c b ~ r r  
/ r, c b ~ r r r r r, e b r r  
r r r, c b / e r r r, r r r r r, e  
r r r r r r r r r r, ~ r r r r  
N<sup>o</sup> / r r; r r r r, r r r r r. c r  
r r r r r, e r r r) r r r r r r  
r r, e b ~ r r r r r r r r, -



h, i) e k, p, w, z' b / z',  
~ s, j, p, r, s' b, e, e, m /  
v' o v. c v - e e ~ v p o, e  
e f ° e p o, m, ~ v v / m l l? e  
f, v l ~ v w ~ N° f l r, ~ v l  
L e p l, f l r? ~ y o v - L s, i  
- b o v a, - , v ~ b u p e r  
v: c o l ~ e o l m o p l v ~  
N° ~ y e n c e r v h?  
e m n, o n: & L m j' b, ~ m m ~  
o o e m ~ b u / , ~ z y



$v_1, v_2 \sim \text{for } \text{Re}(s), \text{Im}(s); \text{or } b^2$   
 $\text{for } \text{Re}(s), \text{Im}(s), \text{or } b^2$

$\omega, \sim 3. \text{ or } 17..$

h-lyt ll

h-lyt ll, wot wot.

12 lws p2, jst v n o 2do

h: - yst [obstinat], e, v - n

n: n l o o l n - , s:

v s o o s - o b n - n - o

l w h p. D r b y t, v p s l l

o n s, - o y l o. 12 n - 20

p l o r n, 2 n s o p o n t - o

l o o p l, n - j l, e, n l e r l l

2 l ; - - j p, / l r. s o n, n

summa ex om, l, n, r, z, m, d  
L, R - c, k, a, z, f, i, p, g, l, m.

^ 2 p o v e g, i, n, m, v, d, d  
~ R 2 h i; f, a, e, o, p, m, o, r,  
o, p, i, - u, t, - i, x, e, p, e, o, j, h, o  
- i, u, o, j, a, n, c, o, m, u, l, b, e, n, i, o, v, i, e  
90 n, u, v, i, s, t, o, m, e, l, c, o, s, e, o, t, 20=  
~ d, p, m, o, r, e, o, m, m, i, c, z  
z, v, o, l, e

o, i, z, z, u, l, e, o, r, i, v, o, z, - n, b  
c, e, r, 2, z, v, e, d, z, m, o, z, c, b, m, o, k, o

2dru 2, fu 6v ~ c; / R  
u, b E, w.

~ 3. Anu 17..

but-but the

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

~u, l~u~s / o~u, s r o c u; c o r —  
u e p o c u, o h s l o r o p r n  
s p t k, e b / j z o ~ s . i n ~ - , r  
g e s n e n . r e ! , n e s t v —  
p l ~ u , x e , o b v e s t , e , l y m  
o b , z o / v h , s ~ c e r t h e r e s .  
u r n d s t i m r e z . n e n i —  
z u g e v h s . \* , e s t h s l o r o l y  
f , z y n d f - - n e n d z o p . e  
— 1 2 — c u r , o i n d k , e r e s t l —  
h , h u ~ z s y f , o e i b z z s e y j



and: e p o u d, ~ z g v d h t m  
2 2 c d: 6 2) 2 2 b ~ e p h. u q  
o l e n s: 1 ~ j c p m! . g  
e d, c, ~ s a! u n) c o r 2 q  
z q f f; e, n o s; - g h!  
i n n b l g, e, u ~ , e b) u j  
w e n g e r ~ . , v l a n, e b  
g e t, e e b ~ g e n; - e s 2, v  
u s g t. - n v ~ u o n e j  
o, c u, ~ s b y g, ~ b l a: - ,  
~ l l h 2 m ~ c d v e e m b e e



h. p. 202 CA.

Co, ~ 4. Apr 17..

Do-lyd U

22 L r o o b z m s.

g b b, 2 r o b, m l e r l y z o

g r r o l e r y p. e r s c, o g

o o, g m o' y h, g m o g - o 1

o h m - r g r e p s e, c r s

c n. D! - 4 v / l e e; - e, c e y p h o, 4

- r, c e y / c o, o z - ; e r s /

m. e y o l e r, c o m l e d - c o l. c e y

r b l h r b, o o r i m o, ~ r

h, o h, o o l e, x', - o z - ; ~

Jan, c n t o n r, e s t e p s i r  
c e n i 20 p - o n p - p - d l. 26  
e, e, e n s c u o n, - b y n ?  
b r e, - v n p n. - c. p n; v,  
- m o. b. e, 2. N o n: e c o n p l,  
r e l l e c o; - v b, e - d:

v n p n f o n n, e p l, c o  
n; e, v n p n g e n n n n n n  
n, v n, e, p n d n n n n n, c o e, e  
p e n p e b, - p e n p e b, o e, c e  
e n n n c o b, e n - w e p n: e

\*/benben, vj/c.

± ror, b e, ± R —, e. 9 o r y, -

W 9 e x, c s: mit ... !, t ... ~

cl, ~ w, r t e, j o m e e r! c 1

ess o, of, v r i u; c 1 r / o,

of, t r, c o /, o e; u r v

l o o r, e e o, c o v f e d, R ~ o. c. / v

v; e v i ~ r; c 1 → k u y z y ~ r -

~ r e u r, v 1 D v; 1 v t i n j,

- v o s i r; 1 v o c t x, - 1

z v r; e v v p — m — e b 1 e o o





an-lyt U

h S h h ~ ~ h h h h h h.

co h b s' x h, i b s v u u? m  
p r z u, m. e l ~ h e u, q b j b h u? -  
→ ~ s h h j y h h j p u, p h - e  
l, ° - m e l p u, j o, e, c e s  
x h h - j e h?

p r u, e b v o u u h m r u u / u s q  
o p p u, v h i q u u m, c u,  
x e u b, i s h h, i p p u? - u v h o s o  
j h h, o ~ h h j o p u, b v h h q. h h



Ph-Len<sub>2</sub> 2<sup>o</sup> 2<sup>o</sup>. 1 0 2<sup>o</sup> - 2 ~ 2  
 es. 2<sup>o</sup> - 2<sup>o</sup> Len<sub>2</sub> - 2<sup>o</sup> 1 6 2<sup>o</sup> / - 1  
 - 6 / m m m. 2<sup>o</sup> - 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>, 0 2<sup>o</sup> 2<sup>o</sup>  
 2) 6 / 2<sup>o</sup>, 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> / 2<sup>o</sup>, 2<sup>o</sup> 2<sup>o</sup>  
 ~ 2<sup>o</sup> 2<sup>o</sup> - 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>? 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> m;  
 2<sup>o</sup> 2<sup>o</sup>, 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>  
 ; 2<sup>o</sup> 2<sup>o</sup> - 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>  
 2<sup>o</sup> 2<sup>o</sup>? 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>  
 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>? - 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>, 2<sup>o</sup> 2<sup>o</sup>  
 2<sup>o</sup> 2<sup>o</sup>, 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>; 2<sup>o</sup> 2<sup>o</sup>, 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>  
 2<sup>o</sup>; 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>, 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>; 2<sup>o</sup> 2<sup>o</sup> 2<sup>o</sup>



was, 16 W 2! 0 S 6 x 6 fl! 1 -  
w, e - S w, u - ? D h, d c, e  
b r e l s, r ) - S h f t z p u. z  
2 w 2 b c e o u u, 6 s, R y L m  
- u, 2 b e o h 2. 9 fl. p h, u  
b o p u e r d y m. u c o u v e e o  
2 c o d u r, v 2 9 h - 2 b? 2 c h S  
w b 2 2 f u? s b v, j u b  
v / u, 1 u b e, 1 l e r. 9. j h, ~ b  
S u s.

20 ..., ~ 5. Apr 17..



# A-blyd U

U-blyd U, u-blyd U.

U-blyd U, u-blyd U, u-blyd U.

U-blyd U.

U-blyd U, u-blyd U, u-blyd U.

U-blyd U, u-blyd U, u-blyd U.

—  $\ell$  —  $2m$  —  $\ell$ ,  $e_1 \sim \ell e$   
—  $\ell^2 \sim \ell e$ ,  $e \sim \text{groß}$   $\ell e$   
—  $\ell^2 \sim \ell e$ ,  $e_1 \sim \ell^2$   $\text{wird}$   $\text{groß}$  —  
—  $\ell e$   $\text{ess}$   $\ell e$ ,  $\text{wird}$   $\text{groß}$  —  
—  $\ell e$ ,  $e_1 \sim \text{groß}$   $\ell e$  —  
—  $\ell e$  —  $\ell e$   $\text{groß}$   $\ell e$   $\text{in}$   $\ell e$   
—  $\ell e$   $\text{groß}$   $\ell e$   $\text{in}$   $\ell e$

$\ell e$   $\text{groß}$   $\ell e$   $\text{in}$   $\ell e$ ,  $e \sim \text{wird}$   $\ell e$   
 $\ell e$   $\text{groß}$   $\ell e$   $\text{in}$   $\ell e$ ,  $e \sim \text{wird}$   $\ell e$   
 $\ell e$   $\text{groß}$   $\ell e$   $\text{in}$   $\ell e$ ,  $e_1 \sim \text{wird}$   $\ell e$   
 $\ell e$   $\text{groß}$   $\ell e$   $\text{in}$   $\ell e$ ,  $e_1 \sim \text{wird}$   $\ell e$





- c, r, l, u, z, f, v, u  
s, p, o, s, b, e, z  
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10. m / m m b — v p p p m!  
- m e r e s s, r f m? c y b e r  
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- v e r r, r s p m o f / j  
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~ 7. Aug 17...

Sept 11

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$C_0 \sim 8. \text{ Apr } 17..$



1, 0 1 /  $\sqrt{h} n. b^2$   $\sim$   $0, b \sim b \sigma$ ,  
- 1,  $\sqrt{h} S M L$   $\sigma$ ,  $e b v$  -  $g$   $u$   $l$   $2$   
 $\sim$  /  $g$   $n. 1 2 0 b$   $\sigma$ ,  $2 0 b$   $S$   $r$   $l$   $h. b$   
 $a$   $v$   $u$   $n$  -  $v$   $l$   $\sigma$ ;  $b^2$   $v$   $f$   $2$   $h$ ;  $g$   
 $b$   $n$   $1$   $\sigma$  -  $b^2$  -  $\sigma$ ,  $2$ ,  $v$   $u$   $h$   $n$ ;  
 $\sigma$   $b$   $v$  /  $n$   $2$ .

1,  $\sigma$   $\sqrt{h}$ ,  $1 1 2 2 2 2 2 2$ ;  $j$   $u$   $n$ ,  
 $e$   $v$  -  $h$   $e$   $v$   $o$   $b. \sigma$   $b$   $v$   $u$   $\sigma$ ,  $j$   
 $h$   $f$   $1 0$   $h$   $n. c$  -  $g$   $n$  /  $2$   $i$ ;  
 $e$   $S$   $P$   $n$   $D$   $n. 5$   $E$   $2$ !

$\sim$  8.  $u$   $n$  17..



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~ 7. Apr 17..

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1.  $z \sim x \in V \cap W - \text{off } z$   
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h / o ~ → r, v, y  
h - o, z, z, r, w, j  
r, z, r, r, b, v, w, j  
/ y, z, r, j / r, z, j, o, r, v,  
e b, v, r, z, r, b, z  
j, z, b, o, z, r, p, e, b, r,  
r, b, z, r, z, r, e, z, o, b





will x, 2 p l - p m, 2 x e l 2  
w.

∴ om 2 o h, x e n s! c b - z w, e 1  
s p l / √ h t, z n / v m, e, i, s /  
m v h m? o r - m e d b c v,  
k o / p h, c z q o; - / j 2 s! e  
c v h h, v e v t e a m. x p o w /  
x, o c z, v h b r - ? u - z r m!  
- z y z p h z z r o b, - c r s /  
p / u b r, m r q p r p o w.  
- ∴ o, e l j o m, e h / L r o / o e' s,





62 m c \ w p s \*\* s m — ; 1  
1 / w p s.

1 1/2 m c / j o n : m c / j b s  
L r o s 2 w s . 6 c w p y e , 1 m  
2 1/2 f d / w s e 2 / D M w d l E  
p p e n . 2 1 6 — R n , p 1 l e o .

W, ~ 9. Apr 17..

1 L r d .

11-Sept 18

by hand ~ ~ ~ ~ ~

22! 1 - 1/2 1/2 1/2, - 1, 1/2,

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

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

- 6 7 8, 9, 10, 11, 12.

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

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



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Handwritten text, likely a list or notes, starting with "Handwritten text" and "Handwritten text".

2 2/2 2/2 m ~ u o v o h o o  
m - j m, e' - v m m. m, v  
b s o s m a: e' c' s' s' z' h' l  
m j m, - i' m c' v j m o n.  
c b, o b j m, s m s m m m, s m b  
e' / m' n g e' l e' f' - m b o o'  
v - j e m?

m b c. m 1 - s 2, n 1, e b b  
c, i u o n, u b v / s' s' 2.

z o ..., ~ 9. Nov 17.. S/.



~ « 9 0 d u l l p o r ; o u x t v z z  
— z ! b p l z » s l w « e z , b z u n v  
^ » l z « , b u n v ~ l e f ~ m c o z o e o ,  
z e r h , - o l p , e s / l e m j , ~ ! c u  
v , / z s t ?

h , c i s l z z c v , c i b t ~ q p u  
b q e , q s l z e n e \ b s - o n n o ;  
e z z z s t n l , h , e x , v p u e , o  
- ? z ~ s j p z , j p u , c o , p u n .  
c l c a f z ~ z e , c b v ~ ~ l a b p u , x  
~ s l w s p u , z ~ u e h b j , v u , x , ^





~ - E ~ . ~ ~ b z ~ ~ ~ , ~  
o b v z ~ . - ~ ~ , ~ ~ ~ ~ ~  
z, - ; ~ b , ~ ~ ~ ~ ~ , ~ b /  
~ ~ o , ~ ~ ~ ~ ~ ~ ~ ~ ~  
~ ~ ~ - ~ ~ ~ ~ ~ ~ . | e , z ~ , b  
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~  
o ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ .

o r - ~ : ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~  
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Wieder, so es / für 2 - pro end; m  
at und / 2, - e - 1 / m. c / es co b v  
alle s für, 2 v 1 / m 10 so ~ 1, b  
D / m. f

Co, ~ 10. Apr 17..

Sept 18

222 Loro ~ zee eers. (26 Sept

pro-terre ypro v1.)

6 h, co 1/4 m 1 h 6 - c. 2 2/3 fl

1 2 2 v; 6 2 v A, le - v cy m; 1

2 2 2 fl; v j r p h; - 5

2 g r o l o. 1 2 0 c. e o v h, c o b p

2, 1 h 6 / 5, 2 / e 2 / h h, 1 m j

2 m - m s v h h j m. 1 2 2 2 s

2 2 / - 2 2 /, e - o r h e; 2

1 - v v h, v ~ r j p m, - c ~ r m h

man. 100 2 M /, a 5 m 2, -  
n 2 r n h o e r n  
m. 10 f. p. 1 v o r n 6 r, n  
100 / 50 r. 2 2, 6 / 2 o r e h!  
12 ~ G f f n. n 6 c! ~  
6 o, 6 1 p n 2? 9 2 6 f p n  
c f a f m, ~ n, f, 1 2 2  
2 f p n.

Co, ~ 10. Anu 17.. ?



re. The 6 cent on top. - I  
you, 1/2, 1/2, 1/2, - can - by  
that, the 6 cent on top, - es  
some 4th the 6 cent on top  
Dissertation, - the 1st - the  
you, 1st the 6 cent on top : 6. I,  
the 1st, 1st the 6 cent on top (e  
the 1st the 6 cent on top), - the 1st  
the 1st the 6 cent on top, 1st the 6 cent on top  
the 2.

of the 6 cent on top - the 6 cent on top.



u/ ~ p ~ d ~ l ~ e ~ s ~ . ~ n ~ f ~ 1 ~ 2 ~ 2 ~ n ~ o  
e ~ l ~ l ~ u ~ s ~ i ~ n ~ s ~ ) ~ - ~ e ~ n ~ p ~ d ~ e ~ b  
u ~ b ~ , ~ e ~ p ~ l ~ y ~ l ~ t ~ , ~ - ~ e ~ r ~ n ~ p ~ r ~ o ~ v ~ i  
z ~ z ~ f ~ i ~ p ~ r ~ u ~ , ~ i ~ s ~ z ~ z ~ o ~ j ~ u ~ m ~  
l ~ l ~ . ~ y ~ o ~ z ~ f ~ 2 ~ n ~ o ~ , ~ e ~ b ~ b ~ a ~ z ~ , ~ z ~ b ~ v  
~ o ~ m ~ e ~ d ~ u ~ o ~ , ~ c ~ b ~ ~ ~ z ~ p ~ -  
u ~ k ~ o ~ p ~ r ~ o ~ v ~ i ~ . ~ u ~ n ~ o ~ b ~  
~ z ~ z ~ z ~ z ~ z ~ z ~ l ~ . ~ , ~ c ~ i ~ e ~ p ~ u ~ , ~  
u ~ z ~ z ~

o ~ n ~ b ~ f ~ 1 ~ n ~ , ~ u ~ n ~ z ~ z ~ z ~ z ~ b ~ /  
u ~ - ~ v ~ z ~ b ~ u ~ o ~ j ~ n ~ o ~ z ~ z ~ z ~ z ~

ny ea, i v ~ g / M v  
p / 2. 2 2 g l l w b l l n / c m  
~ M v o - M v o 2 s e. b -, i ° » l e  
o ! « u 1 v, ~ z - g l u u e - -,  
z / - v l 2. 1 2 v d c w / T v  
p l, 2 2 ~ f u n l s / g o.  
1 - f u, e b ~ c l -, h e l e o l o, e b  
v W, b - e l b. 1 - b / - g. 2 v  
u, e i ~ z l / M l u n. 1 - M h e z  
~ ~ ~ g l u o, - M v M s  
90 L o g g l l l 2 5. - - - e e v, v 2 M



2.  $\theta$  is a function of  $\phi$ ,  $\theta = \theta(\phi)$   
The  $\theta$  is a function of  $\phi$ ,  $\theta = \theta(\phi)$   
in both.

1.  $\theta$  is a function of  $\phi$ ,  $\theta = \theta(\phi)$ . De-  
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-  $\theta$  is a function of  $\phi$ ,  $\theta = \theta(\phi)$   
-  $\theta$  is a function of  $\phi$ ,  $\theta = \theta(\phi)$

1.  $\theta$  is a function of  $\phi$ ,  $\theta = \theta(\phi)$ . De-  
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2. 06v ~ f... - 2h 6

v R g e e n e r ? M c o s .

- 9 2 : 2 h 6 ) ~ h . o s !

f

~ 11. Apr 17..

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sehen,  $L^3$   $h^3$ , -  $av$   $u$ ,  $e$   
element.  $\circ$   $ye$ ,  $es$ .

,  $ye$   $av$   $1$   $rd$ .  $\circ$   $L^3$   $u$ ,  
 $h^3$ ,  $h^3$   $h^3$ ,  $h^3$ ,  $h^3$   
 $h^3$   $h^3$   $h^3$   $h^3$   $h^3$ ,  
 $h^3$   $h^3$   $h^3$ ,  $h^3$ ,  $h^3$   
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 $h^3$   $h^3$ ,  $h^3$   $h^3$   $h^3$   
 $h^3$ ,  $h^3$ ,  $h^3$ ,  $h^3$   $h^3$   $h^3$   $h^3$   $h^3$   $h^3$   
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 $h^3$ ,  $h^3$ ,  $h^3$ ,  $h^3$   $h^3$   $h^3$   $h^3$   $h^3$   $h^3$

12 no est - p, f) ~ ~ ~ 0 6  
— . e p p' u u — , e, p e  
m x ~ ~ ~ ?

not n, e o — 26, n L0<sup>3</sup>, ; 0 6)  
e u ~ ~ ~ — h o p' o o n ~ h u t  
a, 2 p s, h e m ~ ~ ~ n ~ p u l t e m  
— d) / n ~ ~ ~ o h l, r e y  
p e h, , p ~ ~ ~ u x u t . 1 u d, ~ ~ ~  
L0<sup>3</sup> x d h ~ ~ ~ u l l o — o e x, c r, 1  
o p' p u t, ~ ~ ~ e t ~ ~ ~ p o' / o.  
— p: 1 o f p, e b 2 L0<sup>3</sup> f x q h e u

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Handwritten text, likely a list or notes, starting with "1. 1. 1." and containing various symbols and numbers.

~ 2 2 / 2 2 ; C ' 2 2 2 2 2 ; -  
H<sub>2</sub>O 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 2 . - 2 2 2 2 2 2 2  
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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

es, v, v, ~ - c, n, t, z, l, f, m.  
g, l, h, b, u, l, c, t, n, o, t, ) z, o, ~  
v, o, f, v, o, n, - l, o, v, e, c, u, s, i,  
h, e, p, n, c, e, e, t, i, t, y, c, o, u, - u  
v, i, t, i, l, i, t, y, e, n, c, o, n, d, i, t, i, o, n,  
e, t, d, o, m, i, n, i, c, o, n, s, e, n, t, i, a,  
p, l, e, n, a, r, i, u, m.

o, l, d, v, i, s, i, o, n, s, i, n, t, e, n, t, i, o, n,  
n, o, t, i, c, e, s, i, n, t, e, n, t, i, o, n,  
n, o, t, i, c, e, s, i, n, t, e, n, t, i, o, n,  
n, o, t, i, c, e, s, i, n, t, e, n, t, i, o, n,  
n, o, t, i, c, e, s, i, n, t, e, n, t, i, o, n,



ber 6 g o, - ' z o f u u o f: b ~ ) ,  
g h | f u , 2 ' v , f u r o f : » , v  
u n . « u z o f u , e - z p f o c u , b  
z o f u j o ; u n t , e e , e - h l  
v u n , - , - v j o ? - d , v o ,  
e p t u u l ~ z p e u z g u o ? , v o ~  
z b e r . c o ~ u o f u , z z u b e r ? ,  
u 9 , - , f u .

1 o , e , u ) ~ u n p - z f g u . 1 U  
| - v , f u r o f - , e b f u f - ,  
e , z e ~ f u d , - u e , e , v

sz, w... - b... u... b...  
l, o... - w... b... »...  
w... b... - ... r! - ...  
sz u... D.

, ... u... j... e...  
w... - ... - ,  
w... i...  
... u... - ...  
w... - ... )...  
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w... - ...

in wafel, r, m b, e e f, s  
do, a p h e v, - 2 w a z, i n  
p u, v e b l o v e p s t - h.  
i s t p, i n u m y E l e n t, o v e r t y  
y - z - ~ 2 i z ~ h, e - d z M p u  
p o c v. n a b t b, e b z M u n d  
~ 2 f u e p p e r ~. i b u s -  
b e r i, o i s e y e h A l y t - e  
z o, e f - z o ~ z e r - i, n d y p h  
~ , m s c h v a s ) - e n t. u n d  
I ~ G e t o f s z o - e a i s t.



и, 20 - Д, П, О, С  
е, в, г, д, е, з, о  
и.

с, б, г, д, е, з, о, п, р, с, т.  
ф, ц, ч, ш, щ, х, ж, з, л, н, к, г, д, е, з, о, п, р, с, т.  
и, 20 - Д, П, О, С  
е, в, г, д, е, з, о  
и.

и, 20 - Д, П, О, С  
е, в, г, д, е, з, о  
и.

20 ..., ~ 13. Aug 17..







or our mother up to  
 100 - 22 vol 4, en 1, 5/  
 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.

мбс, 2 нд/д! ноб, е, е-е  
- ~ мд, р, р, р. ноб ~  
ср, ср, ср - м, б, б, м, л, л  
е

ср, ~ 11. снр 17..

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Main body of handwritten text, appearing to be a list or series of items.

- om n / m. 1. puz a b, b

1 p, u, m ko / on e / sm

2; c b v a z h, f.

1 v m 2, v, b, i b u m, E p m, 2

c m / v m. c b v h, c, 1 e o h, i f

1 v m, 2' - y b a z u z b b e

- e a h, j e v v - m n d

a h e l.

f

szo ..., n 24. Apr 17..

but-<sup>st</sup>ll

1200/1200 ~ 1200/1200.

o a<sup>2</sup> b — n, 2 b e? q the  
om — ju? n es os b, o ll —  
yeh, v!, v R ll m, q  
cenn b — 2 ~ n M. b r ll v p s  
~ s m a, — v, — v<sup>m</sup> E y. \ a z'  
h, o v b m s — e n t, v r p yll<sup>m</sup>.  
y y', — n o y y. ~ o e n o p, e z'  
~ 2 p m 20. — b o m, e, v p — i b h', v  
i n — e n n v h. R n d m, 2 o m f

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срв. е. н. н. 1. / Д /, ф. —  
~ / с / . б. с. , е - / 2 ~ коф р. /,  
ко ~ г. / с. , с. 1 ~ с. г. с. v,  
- 1 v - 2 р. л.

б. с. р. , е - ~ н. ; v ~ л. / с. р.  
о. н. с. н. г. / ~ 2 о. л. р. ? н. с.  
— б. 1, н. г. — ~ ! о. н. с. б.  
с. 2, v / н. л. — ~ , с. ) н. с. м.,  
о. 1 - v н. ? - · \ н. г. / , v с. ? н.  
~ н. н. , с. б. с. / Д. н. н. — ?  
б. б. с. р. / с. / е. н. с. , е. б. л. / н. с.

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.

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y l t - z v o s e r , 1 / s 2 z e  
2 6 m z .

c b e , c o 1 s m e r , n k o e b , - e e  
~ p m l o l . 1 v , 1 v m k e p l  
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) — all out, e b T y d m, )  
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K, m 20, m b Q — / car, who gl l  
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v l m b D e m m 2' h p, 22,  
o p m v. b 2 2 y l, 2 20 - c y m:  
e c, p m b D h l o s m b, e m /  
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svt; - Dohkerer, vny  
n, ~ h/j, 2/r/ll, - ~ 2, f/m  
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svt, ~ h/j, 2/r/ll, - ~ 2, f/m  
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svt, ~ 15. Nov 17..



er, a s i w; n y c, p d o.  
 1 2 2 2 2 2 2; o, 1 - 2 2 0, 2 2 2  
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 \ d 2 ~ 2 2 2, c o \ . 1 c o /, o \ e v l:  
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con, en x b, -e, e D Co n; -e

co o cy r. v o d ~ no zy z, e, m

n, v o l e - v / z h. v l p \_

m v e n d e c o, c o n l, o,

l n, v l p / f h; - c) D, p, y l e

v, s, v p - z n, e, l o c o n.

→ v h s u s n, l h s r t e n.

f s, v p o, i, e o n, z n, c, v l

e v e s h t. b l e n s h t, l, o v

z y n z ~ p p t l n p t, p e o

j o n, c o, d. l c l v e f f, - i s e o z

derm, c1 - Rom, ~ ~ ~  
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 wo , o ~ s t , ; r e h j g e r , - u ,  
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 o b b y t , ~ o b 2 y n d v t , e b - c  
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l. d, e, g, o, p, r, s, t, u, v, w, x, y, z,  
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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.

12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30,  
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en, p b l. 12 2e / u o m k, u 6e  
S M eye, - , b l b, e b v end.

\ L ~ e, ~ 2 x u l l v, p v u e t. b  
~ ) e m, e i ~ b l p u m ~ - L -

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c o o ~ t u r i, ~ b l b. v i

s u a s v p j u m, a, v e m

k o p p - u n t v g, l e v

L u t, ~ m i b l l o r o - , l e r s p s

\ v h, b e r o o l l m n, v - a l

Handwritten text, likely a list or notes, consisting of approximately 12 lines of cursive script. The text is written in black ink on a light-colored background. The characters are highly stylized and difficult to decipher, but appear to be a form of shorthand or a specific dialect of a language. The lines are roughly horizontal and fill most of the page.

W, b w - l, - j l v, -  
w j 2, - j o - w d ) m y  
w r v - 2 p m.

1. w p o r r e m. m a e e o w d, o.  
C h L r o, h u r v - w d y,  
g e, r i l l e d m m d p m; u i t e  
g o r - r p. 1 u - , o r - e  
j h / s s y ' d e v - g e u l e o s,  
C h i f D, m L r o - ' b r o  
d l e t, - e h s a e r r e d  
w e t s i \*\* - s u. - r m r o

eg,  $\frac{1}{2} \frac{d}{dt} (v^2) = v \frac{dv}{dt}$   
gover; - es b D a - | D r  
g m b k, f r b - , k 2 5 10 20 /  
m, s t l ) j u s t .

- u, v b k, e b s L r o n p u  
l e, 2' u - L e n j f h, d, n r d e  
- y l t' p 2 m g e r. 2' D' d r n,  
s 2 p - o v D, t h r n, r e  
m j f o r. 1 k 2 e f o t, 2'  
n g e y 2' n n j b n - p r ~  
u, 2 b e s j u d d' b n - b 2 r k j u b;

~ Ueber die  $\mathcal{H}_1$  und  $\mathcal{H}_2$  ...  
es bezieht sich auf  $\mathcal{H}_2$  ...  
by.

...  $\mathcal{H}_1$  ...  $\mathcal{H}_2$  ...  
...  $\mathcal{H}_1$  ...  $\mathcal{H}_2$  ...





~ 100 300 - 1000; 1000, 1000,  
1000 1000 1000. ~ 1000 - 1000  
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Handwritten text, possibly a list or notes, including symbols like  $\sim$ ,  $\wedge$ ,  $\vee$ , and  $\neg$ .

Handwritten text, possibly a list or notes, including symbols like  $\sim$ ,  $\wedge$ ,  $\vee$ , and  $\neg$ .

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11-10-11

Handwritten signature or name.

Handwritten notes or a list of items, including various symbols and characters.

922 - 19, e - v 22, 6  
- 19 22 22 22 22 22, 22,  
22, 22 22.

102 - 10: e - ce, 102, 112 22, 22,  
1) 12 22 22 - 22, 22 22  
22 - 22 22 - 22 22 22 22  
22 22, 22) 22 22. 22 22 22,  
22 22 22, 22 22 22, 22 22  
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ebvmyt - puv! m rrv  
xco. v, - b D j, n g c y z  
v d h, v r g h g l e h n u, e b s  
v n h, v e f u m c y m t,  
k ~ n n t. - n, e s, j m z  
n f h z, i b e n o t / v e n  
t, ~ b v p o ~ p u n b, o  
Alle b e y z!

a b e n ~ o v, p n v j o ? o n b v  
w t, c o - ; e b s ~ s j h b n t  
n b, - p u b - l, v j o n, c o 1 h ° c 1

P. St., m. o. g. o. d. e. n. j. p. t. i. - e.  
j. f. v. l. c. i. b. u. t. v. n. d. e. y. p. e. n.?

n. 15. Anu 17..

L. v. l.







1.  $n \sim \dots$ ,  $e \sim \dots$ ,  $\dots$   
2.  $v \sim \dots$ ,  $\dots$   
3.  $\dots$ ,  $\dots$   
4.  $\dots$ ,  $\dots$   
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6.  $\dots$ ,  $\dots$   
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10.  $\dots$ ,  $\dots$

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to you ~ 24 of the es, / over, 6 2 /  
un. ✓ D of 6) pe un v; ~  
No for p v, ~ h 2 p p;  
p ~ no ~, p m, len 6  
2, h s, v / p m. ✓ ter p, ~ 1 4, be  
1 6 ~ 2 ~ o, h, k o, 2 p 6, ' v  
x ✓. e p u t e d m o o e /  
r p, e 1 / un -, e v ~  
no ~ m, e - p 6 e D p v  
~ co 1 p, e, h, ✓ i h D p.  
6 p ~ v, v /, ~ - / p ~, - L p

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→ ~ 2 / 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20,  
- 1 - 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
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6) 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
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21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

gestalt,  $\cos^2$  ve gestalt,  $\sim 1 \sim m^{-2}$   
12. Gest. e  $\sim$  b v n: c, v p h o  
9. Gest. e f l o s, v  $\sim$  j l u e v  
d r,  $1^8$   $\sim$  n l r j u n. d u b c.

$\sim$  16. Apr 17..



6 v m m), 0 2 y (w) 2 ~ e h y l t , 1 e  
e 2 / 2 y, e e 2 / 2 w t, e e 2  
m [ w m, s t r s m m 2, p e f  
~ ~ r s t w, e r b, s h a n t . 6  
s t r, ' b e e t - f r g l u; m e e r r  
m s h ~ 2 l, c o b y o 2 r r; 6  
m t m a t m - 6 w l p s h o  
p: r r o r r, ' b e l ~ 0  
' ' w h. r. 2 s t s, s, e, i, d r  
s t e r 2 w t s, - , r p b c  
e u t, c v / p e 2 r y, 2 0

2d. The S\*\* T, count of set,  
w/leg ✓ ca.

- n' me - se the n' ca. n' t) ed

~ 20 g n' ed, n. n' t) 1, 0.

ed (the n' t) - 2 d' ca.

, n' n' n' n' ) 2 ~ 10 n' n' g, 2 9

over you p' d' l. n' j' n' n'.

~ 6, e' e' l' o' n' t' y' ' the n' n' p' d'

, l' c' h' p' d' i' t' g' ; e' s' t' , e' i' e'

n' l' s' e' n' p' l' e' n' s' e' n' c' e' n' , h' n'

o' t' - n' , e' i' e' s' t' - ~ n' , n' / o'

Handwritten signature or name.

Handwritten text, possibly a letter or document, containing several lines of cursive script. The text is difficult to decipher due to the cursive style and some illegible characters.

、 2 0 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. l. d. ~ sen curth ~ p. m. 8. 2  
~ p. m., es c. ~ 20 p. m. 2  
en en a. d. ~ seg. en eite  
e h. d. d., c. o. b. u. d.; - ten u, c.  
~ 2/1, ~ 1. The ~ ero ~ h, ~  
d. t. - a. m.; ko / m. ~ j. h. j. /  
m. a. i. e. s. h. e - D. r. d. b. h. p.  
a. b. u. d. - i. g. d. ~ p. a. n. o. s. The  
d. t. ~ - [d. t. e. s. o. v. e. n. e.  
p. . . ~ p. g. h. y. c. e. s. ~ e. e. s. t. m.  
~ j. j. l. b., c. e. e. s. ~ m. ~ 20 ~

o r a o o v . 1 2 , S r o m , e e  
e g t e y e , 1 - S ~ e u g r t , 1 o 2  
/ r h - t h y n ~ h .  
e . n i 2 o n . t h e v i e p u r e t - l l  
o y u ; S ~ e s a n a i - u b ;  
e - t h ~ t o n u o , - t a i  
g e . 1 t h a t i j u l l f o r k , v e  
o , n i ~ s a t - l e d , e . S o n  
e t h y n ~ . n o t u n d l , o ~  
t h o s q u a n t e C u : 2 o t . e  
w a t t e , e . S r u n u t , 2 e

of ~ N, ebb of 21 - 2  
eat ~ S M 2. te' e of 90 0. 0  
to - d ~, 2 pre from M ~  
en with j u.

eat S, d / m, ~ n i g e a, d ~ 4  
~ n b m; - ' e s e p l, e b, ~ f o ~  
g p e, ) ~ 2 o u ~ l o n e f o m - 9  
of the p u ~, i d t ~, ~ n  
u b a, ~ 2 m, c' d n n o  
d, y p t, d l ~ g l y e.

the, ~ e e e t, d / o g u h e r -



un... / un... , of... e... s ~  
de... - y... e... ~  
de... ~ Bois de Boulog-  
ne.

ve... - l... e... ver  
l... e... ) p... e...  
e... - l... s...  
o... , u... l... -... co...  
[Historiograph] L... :  
p... / u... e...  
B... e... - 90... e...



и, - ° е о г л, а с м ф р о  
д б о, j ' o e ~ 2 то д 2. 12  
с о в е д ~ 2 ф н г н м ~ 1 4 ~ л,  
е о з, 1, ~ ~ л, п т з, 1 с о, 2  
р о д о в ~ о; м с о о р д е л,  
2 о м п р д, с 2 ф р 2, 1 4 ~ л,  
л з ~ м / с т н. «

с в е) о м п р д - з р е н о з - ) 1 р д -  
б д е л т, е о е л л о ф - н о  
р д о - , ~ л т e e c t: » 1 ~  
~ 1, e p, f д г о в р р о. - с ~

Handwritten text, likely a list or notes, starting with "Handwritten text, covering the..." and continuing with various phrases and symbols.

Handwritten text, likely a list or notes, starting with "Handwritten text, covering the..." and continuing with various phrases and symbols.



Les c... m, m Elu; e e -  
r s m, r, - p l p r, o d -  
v e l e m, p r ? o r o d ' D, v.  
r m b z r e s ~ m o t - / v z  
r Petite Maison m, 2 l, e b e r ~  
D z c. « r - k o y p o o, m k h  
v o t ? ? s m l, ~ R, r p e v t : »  
z m, r z m, w / z, e - v ~ z b,  
2 o r z y z p h, l l, o o b )  
s v. « r a r p e r, i ~ z h e  
v o t - r - w h t ) / v e.

the end of, and the...  
en l'ordre de, le...  
tite Maison. f...  
g...  
y...  
l...  
w...  
g...  
-...  
l...  
25...

Let us see.

o.  $\mathbb{R}^2$ ,  $e, \gamma, \beta \rightarrow \beta, \gamma, \alpha \sim \mathbb{R}^2$

$\alpha \sim \beta, \gamma \sim \beta, \alpha \sim \beta, \gamma \sim \beta$

1.  $\alpha \sim \beta, \gamma \sim \beta, \alpha \sim \beta, \gamma \sim \beta$

the same as  $\mathbb{R}^2$  in  $\mathbb{R}^2$  is  $\mathbb{R}^2$ ,

$\gamma, \beta, \alpha, \beta, \alpha, \beta, \alpha, \beta, \alpha, \beta$

is.  $\beta, \alpha, \gamma \sim \alpha, \beta, \alpha, \gamma$

— a n u b s — n e n g | n , 0 ) , e  
 C j o t h e n i n g s ✓ n 2 2 , 0  
 t h e f u l l ~ e C n g - , b a k , i  
 e p t e n 2 g e s , j u t h , c o r p w o  
 C o n , - 6 — o p , o n n y p t —  
 a .

n o f ) j n - u e n e n o 2 t 2 , p o f : i  
 n n h , i e n p . e h b C ~ 2 0 p  
 2 p , n c o n ) o t , a — p t b . e f  
 o t o t , u e , i e j ~ n ✓ p 2 d . 9  
 d e ~ n e s t l 2 ~ 2 n n , - o n ) h t ,



Ja.

0, 2 zur L. 2. 6) ~ y. 6

e 4 6 6 ~ 6 - 1 6

6 6, 2 2 6, 6 6 6, 2 6 / 6, - e

— 6 6 6 ~ 6 / 2 2 6

6 6, 6 6 — 6 6 6 - e 6

6 6 6, 1 6 6 6, 6 6 6

6

20 ..., ~ 18. 6 6 17...

~ - 19th U

'you ever ~ 30 L no.

30, 2 1/2 30, a ~ 1, f, c 15

Ess: a W - v v, but I m m j

~? a W v, all - ~ 2? ~ - m

~ 1 1/2 pt by the. n 2 n 90 pro -

~ re os! Ser, v ed of 20 -

Lb, Ser ~ 10 v - 10 v 1/2 . : 2?

co. N, g, - col, com m, c m ed

pt. : 2 v m of the pt - ~ j e y

pt. - 1 R 0, - 1 v m, c 1 b os n - a.

o. v. e. i. j. o. n. ? b. b. f. h. D. i. e. t. ~ 2. b. ~  
c. y. e. d. / u. ? s. z. w. , 1. v. o. p. p. r. 1. k. b. z.  
e. t. : u. i. k. , 1. e. v. z. o. l. l. e. n. u. , ~  
/ E.

~ , - 1 / c. u. , 1. z. o. b. o. z. - c. d.  
~ l. ~ u. r. c. i. g. g. , o. 1. v. : 1. c. b. z.  
/ o. r. 1. n. v. j. u. - o. v. : 1. z. b. / p. r. 1.  
~ n. z. ~ o. v. e. r. l. v. . e. o. u. ,  
e. o. n. , e. o. y. f. - e. q. u. e. n. n. l.  
e. t. , c. s. 1. e. z. l. e. u. w. ! j. - q.  
z. z. p. 2. , p. z. s. , m. , - b. e. ~ u. l.

2.  $\mu \in \mathbb{R}^n$  ist ein Vektor  
→  $\mu = \begin{pmatrix} \mu_1 \\ \vdots \\ \mu_n \end{pmatrix} \in \mathbb{R}^n$ ,  $\mu_1, \dots, \mu_n \in \mathbb{R}$   
 $\mu = \begin{pmatrix} \mu_1 \\ \vdots \\ \mu_n \end{pmatrix} \in \mathbb{R}^n$ ,  $\mu_1, \dots, \mu_n \in \mathbb{R}$   
→  $\mu = \begin{pmatrix} \mu_1 \\ \vdots \\ \mu_n \end{pmatrix} \in \mathbb{R}^n$ ,  $\mu_1, \dots, \mu_n \in \mathbb{R}$

3.  $\sigma \in \mathbb{R}^n$  ist ein Vektor  
→  $\sigma = \begin{pmatrix} \sigma_1 \\ \vdots \\ \sigma_n \end{pmatrix} \in \mathbb{R}^n$ ,  $\sigma_1, \dots, \sigma_n \in \mathbb{R}$   
 $\sigma = \begin{pmatrix} \sigma_1 \\ \vdots \\ \sigma_n \end{pmatrix} \in \mathbb{R}^n$ ,  $\sigma_1, \dots, \sigma_n \in \mathbb{R}$   
→  $\sigma = \begin{pmatrix} \sigma_1 \\ \vdots \\ \sigma_n \end{pmatrix} \in \mathbb{R}^n$ ,  $\sigma_1, \dots, \sigma_n \in \mathbb{R}$   
 $\sigma = \begin{pmatrix} \sigma_1 \\ \vdots \\ \sigma_n \end{pmatrix} \in \mathbb{R}^n$ ,  $\sigma_1, \dots, \sigma_n \in \mathbb{R}$   
→  $\sigma = \begin{pmatrix} \sigma_1 \\ \vdots \\ \sigma_n \end{pmatrix} \in \mathbb{R}^n$ ,  $\sigma_1, \dots, \sigma_n \in \mathbb{R}$



sent! - c, r, l, e - r p, w, u, e  
b, v, b, / s, d, e, z, h, u, l, e, e, n, d - s, t?  
/ -, e, b, v, / z, h, m, b, z, h, !

co, e, o, l, e, i, m, b, e, l, e, f, f, r, ? - co  
# o, m, p, t, b, r, i, b, e, d, e, - l, e, b, d, v, h,  
- s, p, h, e, e, i, b, t, e, n, o, s, t, ? - m,  
p, u, d, d, h, e, e, b, l, /, j, m, m,  
m, b, ), c, o, b, e, s, t, e, l, /, o, b, z, v,  
w, a, f, ? - m, b, ) D, e, r, w, o, z, v, e, p,  
m, o, s, t, D, u, r, ? , v, v, m, e, d, e, /  
w, e, e, h, c, o, b, /, m, o, s, t, e, l, t, /,

ber. u. u. 1 - u. 6 l ~ neu  
se, j. o. h., m. z. p. h. d. u.  
u. z. - I. m. E. z. u. j. o. h.

• 9 e / u r r - o e r ? u c o h ,  
m , c o , e b v h , v h h u ! , z u , ,  
c o , - - u e j l e m u z p e .  
t o f , i r - l u h u , z z ! e

Co, ~ 18. Apr 17..



е б, 2 ~ бл. афр. в м бонн /  
20 ~, v - o ~ бл 2 ф, 1 ж ~ б, 1 б,  
о б бл, бл, ~ 2 бл 2 бл, бл, бл  
~ бл бл / 2, ~ бл бл, бл бл,  
-, - o - ~ бл бл. - е б 2 бл бл ~  
бл бл бл «бл» бл, бл бл  
бл бл бл бл, бл бл бл бл  
бл бл бл бл, бл бл бл бл,  
бл бл бл; бл бл бл бл, бл  
бл, бл бл бл бл, - бл бл бл  
бл бл. е б) ~ бл бл бл бл

— an — an 2f, 2v Rejper  
Lj on, »e - 10; of 2' 1/2 of  
10h j 10h, 10h, 6 j 10h « m 9  
4v / 10 — m 10h. 10h  
2h, 10h 10h, 2h, 10h 10h 10h,  
10h, 10h 10h 10h 10h, 10h 10h  
2h ~ 10h, — 10h 10h m 10h,  
10h, 10h 10h 10h 10h 10h, 10h  
10h 10h 10h 10h!  
10h 10h, 10h, 10h 10h 10h 10h 10h 10h  
10h 10h 10h, 10h 10h — 10h 10h 10h

u, col gr u - e e, / s e r? c t  
 s e n t, m? c . r o m e d a?  
 - 2 b m m ~ b o f e; w m m  
 m l m; 2 b m o f ' 2 b t l h m  
 D e r l; - D e r l m m m e m  
 b f - \ W m b l e r: e<sup>2</sup>, c<sub>1</sub> /  
 N, e N e n t . e r, c o m p l e x M, c<sub>6</sub>,  
 a<sub>1</sub> z, / S v m m, e<sub>1</sub> q m d, i p m j /  
 r o v e, m e - 2 p m j / g h, / b  
 s t a f f . c o m m o n - b m m M, -  
 S v m / g h, m c t b - 2 / 2 e s o b?

~ 6 6 6 6 6 ~ 6 6

~ 6 6, 6 6, 6 6 6, 6 6, 6 6

~ 6 6, 6 6, 6 6, 6 6, 6 6

~ 6 6 + 6 6. 6 6 6 6 6 6

~ 6 6 6 6 6 6 6 6 6 6

~ 6 6, 6 6, 6 6, 6 6, 6 6

~ 6 6 6 6 6 6 6 6 6 6

~ 6 6 6 6, 6 6 6 6 6 6

~ 6 6 6 6!

~ 6 6, 6 6 6 6 6 6 6 6 6 6

~ 6 6, 6 6, 6 6 6 6 6 6 6 6



606 ~ 67, m! → 2 ju 66  
~ 225) lu, 25, ~ 12y2 er 115  
) 60: 2222 - 66, — 2066, 606  
62 ~ 4 66, ~ 66 2222. 1 22  
lu) 2, 662y 66 66: 1 66  
2222 ~ 2222 66 2 66 66, 1 66  
66 ~ 66 22 66 66 66, 6  
2222, 6 2 66 / 22. 66 22 22, 5 66  
66, 66 66 66 66 66, 6 2 66  
66, 66 66 66, 66 66 66?  
66 66 66 66 / 66, ~ 66 66 66







126 ph - on, e12 no cur.  
s12, ch, a12 - red - ee / w -  
12 g n u s t, co, el / y, ge, e1  
u s - Del. u s t p l f f, - p u r -  
s - w l b a s, i g n u r u t - m, i u v  
u, u, 12 s u a s, i u t - m, i u v  
j u n d.

g y l r e - p e a r l l - t p p  
l u - l / g n; l a, p u, ~ n g e  
r s u a t ~ n 2 v m y j u n d,  
- a, 2 n d p l f f u j, ~ e s

mit, er zuerffn o uoer w, ~ b  
— ll ~ v uer. : l l o n v r, —  
A ~ e r o p o z r p j u r u.  
a - v g l p, — w, v r ~ e h i f e r,  
h b l o l e m, r p h — v  
ab z p j u r, r u e r f ~ e h i  
l e j f e r. — r o n h e z, ~ v p,  
~ e h i s p s — p e t l e j u r u. i a  
D o h - p o p o m a r u e n t,  
— r g l v, — e o f f ) z v e n, e r v,  
u r t e r p n r ~ a s p. i



6 m) em, e, o e h u r h d,  
p r o b - u - m l e j r u d. u  
e, i, n p n t a, D n u l o u t,  
p c a n v e u x d, t, u y h  
p u s' d, - b, u, s, i, v o  
- s h. v e f l u, u v i n g o  
j' g o u r u r o n u, e b p  
g u i' e y r o c n o d. - u  
n l a m: - / p o, - / o, -  
e y, v j l h, u v D, z e y.  
i d, - p r u p, i<sup>2</sup>, s q d f l u t, -

Proffer, cur ✓ M. — b<sup>t</sup>,  
r r p o . 1 s o o r r n n z s - n , v  
— b e s t , , 1 1 2 / u n n t , ✓ M , e  
p / 2 , c o , h v h ! m e c n r c t .  
o 1 b s t , b<sup>t</sup> , u n n l , c o , p t v . r  
z h y o e / n y n y , - v D / n y b<sup>t</sup> ; 1  
n , v / u n , s e t v , v b o p p n , n  
- 2 b<sup>t</sup> v o r b e — 2 b o t , e , e o  
z o , e n n n v o n y o e t o , m<sup>2</sup>  
c y , - n n / n n , l e t , u r e , e s /  
n b .

1001, 200 & 300 1, -

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

1000 1000 1000 1000

2000 2000 2000 2000

3000 3000 3000 3000

4000 4000 4000

5000 5000 5000 5000

6000 6000 6000 6000

7000 7000 7000 7000

8000 8000 8000 8000

9000 9000 9000 9000



hō-vorjēn vob d m  
v n s u s o l p o r y b t,  
e u p, n e e j v b x. e s, v x  
→ s u m o, ~ f y - d s - v  
a, e m d v p a t, - l b t,  
e s, n, v b t - s o l e n.  
a p e r s i e, c, i, p u r, e, i, t,  
v s o l e x l e b, i c o -  
o:

, n y n s u s o l p o r y b t  
n f e m, v b e, i, f d, j ~ y f. i, f u,

0600, 1111, -y, 1120 2222  
1111, 1111, 1111, 1111  
1111, 1111, 1111, 1111.

1111 1111, 1111 1111,  
1111 1111 1111 1111  
1111, 1111, 1111 1111, 1111 1111  
1111, 1111, 1111 1111, 1111 1111  
1111, 1111 1111 1111.

1111 1111, 1111 1111, 1111  
1111, 1111 1111, 1111 1111  
1111, 1111 1111 1111, 1111  
1111 1111 1111, 1111 1111

un, - llt, v, p, ex, com, l, n, co  
un, - co, p, u, o, v, e, i, v, o  
p, g, t, , i, f, e, n, l, e, u, m, v, j, r  
c, m, - a, e, j, c, o, r, d, o, s, l, r, s  
p, t, , i, g, e, e, v, o, l, o, d, u, m, v, j  
t, e, z, ~ z, o, s, t, o, v, u, t, m, / r, o, b, o, t, j  
u, o, r, o, p, h, o, r, o, v, m, c, o, r, v, e, s  
p, - c, o, i, e, p, o, t, e, z, i, t, / v, m, ~, e  
z, t, i, . i, o, e, - y, ~, p, ~, p, o  
z, z, z, u, l, o, z, z, z, p, p, j, v, e, r, i, t, v, z  
v, e, r, - l, z, ~, m, l, e, n, u, i, a, / ~, h, o

$\sim \text{un} \text{el}, - \text{sv} \text{el}, e_2 \sim \text{ed} \text{zo} \text{zo} /$   
für,  $\cos^2 \text{el}$ .

$\text{el} \text{sv} \sim \text{h.} \text{ly} \text{a} \text{ss} - \text{sv}$   
 $\text{D} \text{Co} \text{p}, \text{z} \sim \text{zo} \text{Co}. \text{st}$   
 $\text{gt}^{\text{h}}, \text{sv}, \text{gt}, \text{sv}, \text{sv}.$

$\text{sv} \text{sv} - \text{sv} \text{sv} \text{sv} \text{sv}$   
 $\text{sv}^{\text{h}}, \text{sv} \text{sv} \text{sv} - \text{sv}^{\text{h}}, \text{sv}$   
 $\text{sv} \text{sv}^{\text{h}}, - \text{sv} \text{sv} \text{sv} \text{sv}$   
 $\text{sv}^{\text{h}}, \text{sv} \text{sv} \text{sv} \text{sv} \text{sv} \text{sv}$   
 $\text{sv} \text{sv} \text{sv} \text{sv} \text{sv} \text{sv} \text{sv}$   
 $\text{sv} \text{sv} \text{sv} \text{sv} \text{sv} \text{sv} \text{sv}$



uncensored: 9 un/vu  
s, d., even ego [Duennas] 2/  
un/vu - 1 un/vu, cob  
1 un/vu, 2 un/vu, 3 un/vu  
4 un/vu, 5 un/vu, 6 un/vu  
7 un/vu, 8 un/vu, 9 un/vu  
10 un/vu, 11 un/vu, 12 un/vu  
13 un/vu, 14 un/vu, 15 un/vu  
16 un/vu, 17 un/vu, 18 un/vu  
19 un/vu, 20 un/vu, 21 un/vu  
22 un/vu, 23 un/vu, 24 un/vu  
25 un/vu, 26 un/vu, 27 un/vu  
28 un/vu, 29 un/vu, 30 un/vu  
31 un/vu, 32 un/vu, 33 un/vu  
34 un/vu, 35 un/vu, 36 un/vu  
37 un/vu, 38 un/vu, 39 un/vu  
40 un/vu, 41 un/vu, 42 un/vu  
43 un/vu, 44 un/vu, 45 un/vu  
46 un/vu, 47 un/vu, 48 un/vu  
49 un/vu, 50 un/vu, 51 un/vu  
52 un/vu, 53 un/vu, 54 un/vu  
55 un/vu, 56 un/vu, 57 un/vu  
58 un/vu, 59 un/vu, 60 un/vu  
61 un/vu, 62 un/vu, 63 un/vu  
64 un/vu, 65 un/vu, 66 un/vu  
67 un/vu, 68 un/vu, 69 un/vu  
70 un/vu, 71 un/vu, 72 un/vu  
73 un/vu, 74 un/vu, 75 un/vu  
76 un/vu, 77 un/vu, 78 un/vu  
79 un/vu, 80 un/vu, 81 un/vu  
82 un/vu, 83 un/vu, 84 un/vu  
85 un/vu, 86 un/vu, 87 un/vu  
88 un/vu, 89 un/vu, 90 un/vu  
91 un/vu, 92 un/vu, 93 un/vu  
94 un/vu, 95 un/vu, 96 un/vu  
97 un/vu, 98 un/vu, 99 un/vu  
100 un/vu.

— un/vu, 101 un/vu, 102 un/vu, 103 un/vu,

- 2 p j m - 2 w r e a y p m  
p h, u, v l - p m, u g t h,  
1 2 - s p e e d c h n, t l e r.

m j t, 2 v e n e n t s ' 2 o  
w. - e r v e r, z l ' p m /

m, - 1 v e - : 2 ~ m, 1 v n /  
p, u, - , o r b k o s v e t ~ ,

c o b ~ m ~ l ~ m ~ - t 1 2 ~ 1 ~ b  
w r v g m, c r e, p o s o

v e t p m. ~ m t, 2 v m  
w - p, e, ) ~ z ' p f, z ' 1





~ 4, - e b p / p p p m, p t, l e r,  
h w t h o h e, v n e r p p e b, u t e r,  
z p e m y, - z m p p p o m  
z . 2 p h , b v / e o v . - c q z  
o t - 1 ~ b o s, - n i 2 p h e r  
h a n z u e p, e 1 b h e v e  
e r e r.

c o , m z o , h w t 1 o h u m - b  
p h e r z c o p m m b ) e y , e r  
b v p ~ z l v h m , c o z p e l v ,  
e r z b p e p m, z u 1 b o . r l

Handwritten text in a cursive script, possibly a personal letter or a collection of notes. The text is written on a page with a faint grid pattern. The handwriting is fluid and somewhat slanted. The content is illegible due to the cursive style and the lack of a key or context. The text appears to be a mix of words and phrases, possibly including names and dates, but they cannot be accurately transcribed.



u 2 f ~ n r o g c o . 1 c o e p w o o  
v e l o - 2 2 1 0 0 : 6 . e l h ~ n o r y -  
c ~ 1 2 2 l e m p o . ~ l o t , 1 1 -  
y g o r ~ 2 , 2 ~ l o r ~ - g l , - 1 9  
p r o o b ~ g r o . 6 0 0 0 ) ~ v , -  
v a t ~ n , e v x k o o 4 g h  
~ n t . 1 2 l ~ t , l , v e n , -  
l o r , e r e l l o g r . e z n , v s , o ~  
v e r t , c y , D , t ~ u r . 1 l o t s  
~ y g r j ~ v o t , - p v ~ e l l e  
u - 2 g r ~ u t e l , ~ f u

a m j o, t D<sup>2</sup> m<sup>o</sup> vho, e<sub>1</sub>  
 — s<sub>2</sub> x<sub>2</sub>, co b co. — all Del, m  
 cov r r r j m — D<sub>1</sub>, m  
 y<sub>2</sub> — ~ — D m c t k r r r.  
 j. q bro<sup>m</sup>, i, l o r r m r r,  
 m r l o e t, v e p r t, i s r r  
 p r l o r, c ~ r r; i t ~ ) m m, r  
 B o r l o s D<sup>2</sup>. i m j D, v o b ) j,  
 v m m e r r r r o r o j f o r, c b s r  
 m c l m.

u, e, v —, v p l z<sup>o</sup>; r ~ R e s j

$\rho, e_1, n, \rho, \rho - x, h, h, 2q =$   
 $\sqrt{2}, \sim \sqrt{2}, - \text{observed}$   
 $\rho - \rho, 2 - 2, \rho, e_1, \rho$   
 $\rho - \rho - \rho, e_1 \rightarrow \rho_2$   
 $\rho_2 \rightarrow \rho, \rho, \rho, e$   
 $\rho, e \rightarrow \rho / \rho \rightarrow \rho, \rho$   
 $\rho \rightarrow \rho, \rho, \rho, - \rho, \rho, \rho,$   
 $- \rho, \rho; - \rho, - \rho / \rho \rightarrow \rho$   
 $\rho \rightarrow \rho, \rho!$

$\rho, \sim 20. \text{ Apr } 17...$





m: f. - p, o c, r n b c v. 1  
L b p n i p m, e - l b; - n - n  
n w, c, l b, e, n y p c v. n c 1  
o, e b p l o, - e n y - r z o - v  
p e n l p m, o i s - e v, c o v l y b.  
- r n l p m j u m m c t e n y, c  
e n l p m l - p o o m p t c v  
m, b l, o - l b n - r n y p m, e i d  
p m. ~ n y p m o r, l, c n y  
z z ~ z; - c o t e r z w j v  
z z n. c 1 - n p m d, l 2





всн-лр, -евокоен/ево!  
фн, -евокоен/ево!  
во; -лр, -евокоен/ево!  
л.

о, -евокоен/ево!  
евокоен/ево!  
о. -евокоен/ево!  
е, -евокоен/ево!

го..., ~ 21. Ано 17..

5-1948

Handwritten signature or name

Handwritten text line 1

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pen. 6/2 m, 2 e 9 cy) 2 m.  
u, e m 3, 6/ m, 2 M o o n,  
w e a e n u b D, - S m y - t  
m, m, 2 m e v e n w e n. u y  
p h o n e t, 6/ m - m y l e n,  
y f n S m, v e l e n t, 2 b, v  
w e e n y l l, v S m e n m v j o  
p h o n e: c b v ~ m h o r ~ t  
v h? c b, c o b m, c h? c b v b e m b,  
e b e n m, c h? c h o p h n z S r  
p u b l i c, e ~ ~; - c b c v,

1, - 1 2?

2 1 1/2 6.6 6 6 2 2, an. 1/2 6 6

1 - 1/2 1; 6 6 6) 1 - 2 1, 1 1 1

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

6 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, 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 1 1 1

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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 1 1 1

2/1 2/1 5/2 1! 0 — 1, 2 ~ m  
2, 2, 1, 6 2 2 2! 1 4 0 2 1: 1 2 2  
1 2 2 2 1; — 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 2 2 2 2 2! — 2 2,  
2! — 2 2 2 2, 1 2 2 2 — 1 2 2 2! 2  
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 2 2, — 2 2 2 2, 2 2

26er frcd? ct b h n m ~ u  
w ~ 2, 1, n m s o r u v s e n ~ ? r  
v ~ 2 ~ 2 ~ f c y, ~ 12; 1 ~ 8 ~ l u, 2  
~ j l u, ~ l e b, e ~ v ~ l b; - 6 9 0 b,  
u ~ b d j, ~ j l u, ~ - 6 ~ - D c y r e u.  
e r m l u, e - 5 H, c - 5 ~  
f . c, l e f, 1 b v ~ p h 2, / ~ s o  
c ~ ; c b, c b v ~ 2 ~ d, e p ~ b; e r  
o ~ n l, e ~ b j t g e. u ~ s h ~ k ~ b  
b 2 ~ ; 1 c ~ , b ~ p ~ , c ~ - d  
s ~ , - l e f . / g h.

— f h e y x m x e n o u l e n o ,  
L. f e n , p u g a l e , - 6 ~ 5 6 ~  
v u l y e . 1 - 2 u , e , p l e 2 ; 5 u 6 - e n /  
p e , p u l l , v e , o p u g e , -  
f l e o ~ 2 l e a ? c ' p u e t 5  
l l e ~ 2 , c v , f g g j m e u s  
u n . a c o , o c ~ v l e n e ?  
o , - m o n ? q p e v e , ' , v u e - j  
e n , 6 / u h e , q p u e ~ 5 , ' 6 x 2  
p u e x p o o x 2 u , m , l e ~ ,  
6 / l e . s ! q h e y , 1 1 s m e t , f d ' 1 6

Wh! I<sup>c</sup>, D<sub>2</sub>, P<sub>2</sub> P<sub>2</sub> P<sub>2</sub> P<sub>2</sub>, J  
~ W<sub>2</sub> W<sub>2</sub> W<sub>2</sub>, S<sub>1</sub>, b, e b /  
ep /<sup>c</sup> n, m - 1, e b / ~ e c n, b<sub>2</sub> z b  
p s! s! n e r b, e w a p, z b b n  
z p /! n, c b e p z n<sup>c</sup>, c<sub>1</sub> e p n o p n  
p n<sup>d</sup>, m c t e n<sup>c</sup> p q t b<sup>c</sup> p n  
/ b! b, 1 b : 2 ~ e 2 m p s, z b  
~ 2 p n d n - v 2 n n -  
d n. : b, ) n n b, s o n, - z  
c n c t, n b<sup>z</sup> / e, 2 m n b,  
s. e n n b, b / o n, b v b

Лж. сд<sup>о</sup> → 1, e нн, 2066 μ /  
2, 6 n v; - 2 h c v - 2.0 μ; /  
2, 2, 2, 5 6 e √ / 100, 0, 1, 5 6 e √ 6,  
2 6 2 2 2 μ ~ 2 0 1 6, 6 6 μ \ L ж  
нж 2 2 2 μ 0.

20 ..., ~ 23. Aug 17...

but-lyd ll

but-lyd ll

62 p2, 0126 f d ~ 2 p 1128

7, m ~ ll / p2, ~ 1 b 64, - 1 c 01,

1, 2 2 10, p 2 y 2 c, 1 ll 6 6 0-

ffur, c 1 2 h o p p ~ ce; - 1 8 v

— p 2 / y 2, 1 m 6 c ~ 7 -

6 / y 2 2 0 6 c 5 d p 2 v. 1 m

m, p e' h - b c, 0 z y - o 2 2

m 2, D — p 2 y 2 / p 2 2 2

p 2 6, ~ 6 2 2 2 2 / p 2 ~ 2 2

Quidam, et quibusdam  
et quibusdam; et quibusdam.

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et quibusdam, et quibusdam, et quibusdam  
et quibusdam, et quibusdam, et quibusdam.

узоо 650 1000 / 12, — 0 2 12

о.

6 10 12, 10 10 12 12 12 12 12,

12 10 12, 10 12 12 12 12,

12 10 12, 10 12 12 12 12,

12 10 12, 10 12 12 12 12.

12 10 12 / 12 12 12 12 12.

6 10, 10 12 12 12 12, 12 12

12 10 12. 10 12 12 12 12

12 10 12 12 12, 12 10 12

12, — 12 12 12: 6 12 12 12 12

~ 12 P 25 C. 6 C / 10 W, T,  
Dr 6 r p r 2, 2 2 2 2 p r - 6  
~ 10 / 1 f 2. 6 6 p f. 9 2 0 l e n 0  
f, - ~ 6 / 1 0; 1 C L, 0 1 - p o  
- p l e o.

e p r 2, e m r v r u b, - r f r  
~ m r u l l 9 ~ b. : 0 r e ~ p 2,  
2 p l l e r e o l l y 2 2 - p, 1 2 p r r  
1 0; 1 0 e . o m y / f r, - 2 6 e  
e l h y o e l t r. 2 d M v 2 ~  
0 2 l e f, 6 2 ~ p o r.



Уф, е, - п ~ б 4 4 е 2 0 ~, 1/2  
Р; е б 0 0 4, е - р р . с в, е б  
р 2 9 ~ в е н 4 р о с в, - 1 0  
- 0 1 4, 2 ~ е 0 0  
с р /, - , с р / 0, 0 0 0 =  
0, 0 0 1 0 / 0 0 0 0 0.

с б 9 0 0 2, 0 1 0, ~ 0 0 0 / 0 - ) 0  
1 0 0 0; е 2 0 0 2 0 0, с 0 0 0; е  
0, 2 ) 1 0 0 0, ~ 1 1 0 0 2 . 0 0 0 е  
р 1, 2 0 0 0 0 0 0, 2, 0 0 0 0;  
- 0 ~ 1 0 0, 0 2 0 0 0 0 0

есть, - емо, еб - ео, 2 в / ур,  
√ 2 / 2, - 2 в 0 2. 1 20 20, 20  
2 в 2; е 2 2 в. 2 1 2 в 2  
2 в 2, е 1 20 2, - 1 2 в.

6 2) 2 в, е, 2 в 2 в 2 в 2 в,  
- 2 в 2 в 2 в, 2 в, 2 в 2 в 2 в /  
2 в 2 в 2 в 2 в 2 в; 2 в 2 в 2 в  
2 в, - 2 в, 2 в 2 в; 2 в 2 в 2 в  
2 в 2 в, 2 в 2 в 2 в 2 в 2 в, 2 в 2 в  
2 в 2 в. 2 в, 2 в 2 в 2 в. 2 в 2 в  
2 в 2 в. 2 в 2 в 2 в 2 в, - 2 в

$b, b; b^c) a_2, b^c, 1, y, b^c, p, z, m$   
 $z, - \sim b, b^c, e_1, e_2, e, b^c.$

...,  $\sim 24. \text{ Apr } 17..$

Do-lyd ll

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

re. 2 6 4 5 1 0 - v p p e l n o.

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

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

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

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

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

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

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

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

cb d ~ 20 p L ~, cb ~ h  
d ~, c b o p h a s e b h,  
a ~ b ~. b m e l e t, c d l  
~ p; f p ~ d / u s s ^ 2 p, ~,  
p p ~ 2.

o ^ b ~, e b p / h o r 2! , v l b ~  
c m l . b g h l u s ^ p, i b ~; 1  
a ~ c ~, - b ^ e l r . b ~ ~ ) ~ ^  
b ~ d, i m g e; , f ~ m ~ G, c b  
b h v o, - h b m e . 2 r e ~ p h  
~ ~ s ~ v e l l g e r / o, v 1 - e,



z/2m m c v, y 0, ~ m /  
p, j v - o m ~ y / c.  
1 m t, e, 1 / p - t : 2 m b e.  
~ o t e c c, 2 / j p; - e c 2  
d h l: 4, 1, 2.

1 m v ~ y l s ... j 2 h b; 1 c r  
m o m 2 2 m e l, 2, 1 e w  
m - t, 2 v / p. - a v D y r,  
~ p m j m / 2, p ~ h e 4 2  
m - p j m'. 4 ~ h y p.  
D ~ t o c c 2 v l) h j m h b - p

D - D gher L ~, 2 L m gher;  
v h e n t . 1 n t ~ b e n a , o c 1 e n  
24; 1 2 1 2 ~ n d o e p o 2 p , 1 v /  
A g e l ~ m ; \ c a l ) r e s , p t l e f ,  
- l o u e n l e b u r i n o ~ m ~  
j o e n \ o f l / 2 2 2 ; t h u v , x e -  
b e ) ~ m ~ v o ~ o . 2 2 0 p l  
o : \ b t 2 o f p r e g u - g r ) e -  
g e n h e t 2 p m , ~ n b i e n / h e  
g r . v e o f p r e s r e ~ z g ; e n  
2 m R F r a n ç a i s m e c d . 1 u e s t ,

22/2; 1110 1110 1110 1110  
one 4; 1110 1110 1110 1110  
1110 1110 1110 1110  
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un) D'ailleurs, les  
- un no: un n' est pas  
n- d'au, 10; en, 12 n' est  
n, 13; en, 14 n' est pas  
de n', ~, 15 n' est pas  
de n', ~, 16 n' est pas  
de n', ~, 17 n' est pas.

un) D'ailleurs, les  
- un no: un n' est pas  
n- d'au, 10; en, 12 n' est  
n, 13; en, 14 n' est pas  
de n', ~, 15 n' est pas  
de n', ~, 16 n' est pas  
de n', ~, 17 n' est pas.



、 $v$   $\circ$   $12$   $\circ$   $14$   $16$   $18$   $20$   $22$   
~  $\circ$   $24$   $26$   $28$   $30$   $32$   $34$   $36$   
 $38$   $40$   $42$   $44$   $46$   $48$   $50$   $52$   $54$   
 $56$   $58$   $60$   $62$   $64$   $66$   $68$   $70$   
~  $72$   $74$   $76$   $78$   $80$   $82$   $84$   $86$   
 $88$   $90$   $92$   $94$   $96$   $98$   $100$   
~  $102$   $104$   $106$   $108$   $110$   $112$   $114$   $116$   
 $118$   $120$   $122$   $124$   $126$   $128$   $130$   $132$   
 $134$   $136$   $138$   $140$   $142$   $144$   $146$   $148$   
 $150$   $152$   $154$   $156$   $158$   $160$   $162$   $164$   
 $166$   $168$   $170$   $172$   $174$   $176$   $178$   $180$   
 $182$   $184$   $186$   $188$   $190$   $192$   $194$   $196$   
 $198$   $200$   $202$   $204$   $206$   $208$   $210$   $212$   
 $214$   $216$   $218$   $220$   $222$   $224$   $226$   $228$   
 $230$   $232$   $234$   $236$   $238$   $240$   $242$   $244$   
 $246$   $248$   $250$   $252$   $254$   $256$   $258$   $260$   
 $262$   $264$   $266$   $268$   $270$   $272$   $274$   $276$   
 $278$   $280$   $282$   $284$   $286$   $288$   $290$   $292$   
 $294$   $296$   $298$   $300$   $302$   $304$   $306$   $308$   
 $310$   $312$   $314$   $316$   $318$   $320$   $322$   $324$   
 $326$   $328$   $330$   $332$   $334$   $336$   $338$   $340$   
 $342$   $344$   $346$   $348$   $350$   $352$   $354$   $356$   
 $358$   $360$   $362$   $364$   $366$   $368$   $370$   $372$   
 $374$   $376$   $378$   $380$   $382$   $384$   $386$   $388$   
 $390$   $392$   $394$   $396$   $398$   $400$   $402$   $404$   
 $406$   $408$   $410$   $412$   $414$   $416$   $418$   $420$   
 $422$   $424$   $426$   $428$   $430$   $432$   $434$   $436$   
 $438$   $440$   $442$   $444$   $446$   $448$   $450$   $452$   
 $454$   $456$   $458$   $460$   $462$   $464$   $466$   $468$   
 $470$   $472$   $474$   $476$   $478$   $480$   $482$   $484$   
 $486$   $488$   $490$   $492$   $494$   $496$   $498$   $500$

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

101102103104105106107108109110111112113114115116117118119120121122123124125126127128129130131132133134135136137138139140141142143144145146147148149150151152153154155156157158159160161162163164165166167168169170171172173174175176177178179180181182183184185186187188189190191192193194195196197198199200

er flun ur, / or, 120 ur / 2:  
u d er s r, p, ur, ur, e, e, e, e,  
✓, 1, 1, ur - ✓. 120 r 2 y r, e,  
9 ur ✓, - 0, 1, 2, ur ur, e b)  
ur - ✓, 1, 2, ur - ✓ ur: D  
2! 1 a - c - !, ge L p s. u  
u, v, s, r, h, h, 1, D, r, u, r  
~ ur / 2, e 2 ur - r or /  
o, e, 1 ~ ur n / 2, ur. es h r  
).

er ur, 1 / 4 r. 1 ✓ / ur, e h s 2

neg p d h<sup>s</sup>, e, r — an p m k; e  
p e o<sup>s</sup>, r v — j l e r; — e' — r  
d l o<sup>s</sup>; u, a d b; e, v d r d l  
l r l r b o v e n<sup>c</sup>, a — b. v  
u s u b e r 2, u r h y 2; — 1  
a r o l r o b; c, e c v t e p h<sup>s</sup>,  
e c.) — v e t, — d s v j 2 m.  
o. l. r, 2 j h y p e r j l j 2! —  
h u r W s p o f l u y e r e r 2  
m y p o o e r f; — i — b, e o e e  
o Frissons — o l r, h u r e 2 o





Handwritten text in a cursive script, likely a personal letter or diary entry. The text is written in a fluid, connected style and spans approximately 12 lines. The characters are somewhat stylized and difficult to decipher precisely, but appear to be a form of shorthand or a specific dialect of a language. The text is written in black ink on a light-colored background.



$z z^s \sim p p o z e w, -1, w / 1, r /$   
 $y h. \cdot z t v, \sim w r o w^o$ ;  
 $w e t, \cdot q o z^{-1} z t v \sim z e; r r$   
 $w^{-1} \sim, \sim w p e^o \sim b c v.$   
 $w, \cdot z^{-1} \cdot e r e b y, v r w;$   
 $D u, v r e \sim b o v, \sim 1 e n n.$   
 $f c v o o r \_ b o, b - e r,$   
 $l: \wedge a o' e. \cdot \sim z o e n; \cdot^s$   
 $a o - , p y c w r, \sim y p r.$   
 $p t h^s \sim a n h, \sim p h, - h^s,$   
 $p \sim p r, ) p t o r - e t v. o$



) es  $\sim \rho^0 - j \omega$ ,  $\rightarrow$   $\kappa_0 / \sqrt{\rho^0}$ ,  
 2.  $\omega \rightarrow \rho^0 \mu \omega$ .  $\sim \rho^0 \sim$   
 $\sim \rho^0 \mu \omega / \rho^0$ ,  $\sim \rho^0 \sim$   
 $\omega \in \rho^0$ ,  $\sim \rho^0 \sim \rho^0 \omega$ ,  $\omega \sim \rho^0$   
 $\rho^0 - \rho^0 \omega \dots \rho^0 \omega$ ,  $\sim \rho^0$   
 $\rho^0 \omega$ ,  $\rho^0 \omega / \rho^0$ .  
 $\rho^0 \omega$ ,  $\rho^0 \omega$ ,  $\rho^0 \omega$   $\rho^0 \omega$   
 $\rho^0 \omega$ .  $\rho^0 \omega$   $\rho^0 \omega$ .  
 $\rho^0 \omega$   $\rho^0 \omega$   $\rho^0 \omega$   $\rho^0 \omega$   
 $\rho^0 \omega$   $\rho^0 \omega$   $\rho^0 \omega$   $\rho^0 \omega$   
 $\rho^0 \omega$   $\rho^0 \omega$   $\rho^0 \omega$   $\rho^0 \omega$

er 1000 L<sup>2</sup>,  $\sqrt{12}$ , 0.9 2020, -1,  
1 2 3 4, 5 6 7 8 9 10 11 12  
p.

123456789101112  
1314151617181920  
2122232425262728  
2930313233343536  
3738394041424344  
4546474849505152  
5354555657585960  
6162636465666768  
6970717273747576  
7778798081828384  
8586878889909192  
93949596979899100





~ 10.

e p e s t r, o i d i. l e v p, - 1 h i

we, ~ p e s t r p u j l e. - r, 1

r e e n m, o i s t, e, c, v p e n y

m 2, 1 / r, p s r 2, r 2 l r

l e ~ p e s t r p u j s t. 1 b e,

r l j e p e. 1 r t r - r l - j l ~

r ~ p e s t r p e s t r p. - r r e j

r e - t e o o r. 1 ~ r p r h e,

j r p p o - p t o l.

~ 6) p p e s t r, s t, z z

And let, from - upon from - 2  
for x r r r r, r h r? \ o r, m  
m u g. q. co, m o n? \ a b, r y  
- s b s, ~ c t \ s b s e o  
s o b n t. \ - t) b b l.  
s r r h. \ b o g, s r, u s t, e.  
~ / c s v h u s t; \ - t p r r h  
d h b; u r o e t f l u g e s t) r  
s r, - r p t m a z o r n y.  
~ y l t) r c o n.  
o r h) e t - o l e z n e. e





for  $u \in \mathbb{R}^2$  and  $v \in \mathbb{R}^2$ .

Let  $u = (u_1, u_2)$  and  $v = (v_1, v_2)$ .

Then  $u \cdot v = u_1 v_1 + u_2 v_2$ .

Let  $u = (1, 0)$  and  $v = (0, 1)$ .

Then  $u \cdot v = 1 \cdot 0 + 0 \cdot 1 = 0$ .

Let  $u = (1, 1)$  and  $v = (1, 1)$ .

Then  $u \cdot v = 1 \cdot 1 + 1 \cdot 1 = 2$ .

Let  $u = (1, 0)$  and  $v = (0, 0)$ .

Then  $u \cdot v = 1 \cdot 0 + 0 \cdot 0 = 0$ .

Let  $u = (1, 1)$  and  $v = (1, -1)$ .

Then  $u \cdot v = 1 \cdot 1 + 1 \cdot (-1) = 0$ .

Stufjunge.

es, r, e, m, u, v, n  
a, v, l, d, u, g, z, u, o, r, i, c, y  
- , e, s, o, s, y, n, u, s, j, h, n, i, a  
S, u, v, r, - u, f, g, e, n, j, u, b, s, i  
e, u, g, l, i, c, h. - u, n, g, e, n, d, e, u, s  
' u, n, g, e, n, d, e, u, s, - b, e, l, - o, s, j  
v, l, o, g, e, n, d, e, u, s, \*\* u, n, g, e, n, d, e, u, s,  
d, e, u, s, g, e, n, d, e, u, s, e, - l, y, o  
u, n, g, e, n, d, e, u, s, v, n, s, h, e, n, d, e, u, s, -  
- d, e, u, s, g, e, n, d, e, u, s, h, e, n, d, e, u, s

The, x m o, ) no hno / m. 1 u  
 22e l r, - z - v r. e d l, s y e r v o  
 , v r o f l h - c d f d h h n  
 u. , p r v z o - m, 1 / c.  
 v a e m b e r n h. 1 c d  
 ~ ~ b / L r o f u, ~ b b h l  
 e o t, - b c, p l - 2 m, o r b  
 f u r o.

, n o ~ / m, e l e n g z y o ) . - ) ? h e  
 p n . : n h ! v r e o c , f 2, R  
 ~ ~ l y o . y - , ~ ~ r e a z , ' S

Jul: as, h<sup>t</sup>.

~ 25. Aug 17.. 18.

on-lyd ll

12/20/88 \*\* ~ 12/20/88 (22 s-

me.)

2 21, co 2 v, e, 2 1 net 4? -

2 2, e 9 ~ the 2 1/2 ~ 10? -

2 1/2 ~ 10? ~ 10? ~ 10? ~ 10?

1/2 ~ 10? ~ 10? ~ 10? ~ 10?

1/2 ~ 10? ~ 10? ~ 10? ~ 10?

1/2 ~ 10? ~ 10? ~ 10? ~ 10?

1/2 ~ 10? ~ 10? ~ 10? ~ 10?

1/2 ~ 10? ~ 10? ~ 10? ~ 10?

eng... 2 R... cobL, cobL<sup>o</sup>.  
2 v p t, e b) f. ... - 1 v n d on  
M p o j. n u b v u s ) y e, e s o b  
v p - M h j u, c b - b l ...  
... c d j r u s h, c v q  
... c l, u p o c u, i  
j l l h v i f u e n ; - 1 2 0 q n D M  
D S t, M i n p r o h.  
o, v t n e r h, p o b l e m s r  
e l l e f.

Co, ~ 25. Apr 17...



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cédoine,  $l^6 f \rightarrow est; r. r. 1/$   
u.

- a c - 2d fe m, e) 2 r r =  
b d h k, o, 1 2 2 p r ~ p j 2 d . 1  
p r r ~ r s - o 2 t p ~ r p ,  
r j r r e r ~ m . 1 p ~ f o -  
v t v z r ~ l o r r s t h , v  
2 ~ p t h p p v d , 1 2 / f r ,  
- v e p w o s t r r , - l s  
p r , r r r j r h . c w e p r , ~  
h r , 1 a - f r , e , 1 / p h d .



22 ex Deriv, — cv, v h po;  
2 repl cv en pu; 6 — 2  
pt, —, — 2 f or ov re; v h  
M. — 2 p ~ n, Deriv get —, 2  
— 2 2 2 cv pt, — 2 2 f h cv  
es. 2 2 h of p h r s h o n b =  
~ v e t, — v v a, 2 ) / gen. 9  
h w o l l ' ~ n — 2 h o : n,  
t - / r e n, f e l - 2 l a ) ~ 2 ~ v  
f h o, 1 1 l t e n g o, 1 c w  
c o n, 1 1 p 2 2, o t v, e n v p h e =

In 18, - e, l' t' p' x, m' s' t' h' ~  
 22 l' v' l' 2: 2 y p' e' l' , m' e'  
 l' t' d' l' , m' u' q' m' s' s'  
 s' o' q' u' e' d' b' l' e' , - q' e' l' t' p' o' : a'  
 c' o' , c' o' b' l' e' c' , 2 v' / p' e' ! 2 2 1 , o'  
 - l' h' d' p' e' ! b' o' 2 i' p' , c' b' ) n' e' l' y'  
 p' ; b' 2 o' ) D' 2 - e' l' e' n' c' u'  
 o' b' v' , 1 u' b' , c' o' b' p' l' , c' o' b' ~ 2  
 f' u' l' t' , 2 y' , e' o' c' o' b' l' e' n' . M' 2 1 s'  
 m' , p' l' t' o' b' p' - , c' o' b' p' e' ; D'  
 2 v' 1 b' s' m' n' t' h' ~

o, r, s, u, l, o, m, i, b, i, p  
n, l, d, w, e, r, s, t, e, d, e, r, e, h.

Co, ~ 26. Aug 17...

~ - 1/2 U

22 L 0 ~ h V S L L .

L y r n n, 2 2, 1 U S y e n n s

J 2 L, - y, / c n o, o f, e r t e o n

L, - e n t y e l, 2 1 - e / p t, e /

L, c o b v y n. 6 . e / p n. 9 y o, S 2

6 o f y, 1 ~ ~ 1 f u h n, 6 P h o n n

o ~; u e o t n p ~ h e ~, - v n c b

s e o - u n t D e o. c n ) D ~ 2 ~ u e l 2,

~ r 2 2, - u e l, - s o f u e, - c n

- u e l, c n, l p u e n. e n D, y

v, e - o p c v, ~ e t p o, v h, e d  
g n! - a, b c v - h, i n ~ r, j  
k m, n l p r, c v - b, - v, d,  
e f - g h, c b - l p r z ~ .  
z - m d p b, r, n, e c v h o  
l, c, o o c v; n, c o l, c n,  
t e o p t, - l e z y e z . n o, - ' a  
b o, r o o v r d .

c b m n, r z, z p r j o o b, -  
c o z m ~ z b e, v, l p p n. b e z  
f, m - e e p r - , e b ) z o l r

The first, a - up / po. 1 b c, e b  
 /, - a, - ~ e e n ~; n - m  
 u p e 2 o T o m. 1 v b, e x e r s  
 p e e n t a; e n t e o, c. n o - /,  
 c o v / z a, - m ~, e - l o e.  
 1 c m z / z a l l ~ m n, ~ /  
 x e r s - ~ p o. 1 v / c m e n t  
 - m n, - 1 v b, b v l u n / d. -  
 a, e 1 o p r u, - e - b 1 - 2 u c v;  
 n p o. - d z n; n o p e 2. - c -  
 x e r s v m n - b v / o, e





160/1940, 10/100, 100 —  
Mex, 01/20/20, 6/1/20; - 6  
1/1/1940, 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  
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10/10/10, 10/10/10, 10/10/10

gh, 6m β b j y n i e i h, i 2 ~  
m ~ 2, 11 - 5 0 6 8.

l e, 2, e m, p f y o r; u b: 2 o h; b  
b h) 2 o ~ m v, i, 0 6 8, m ~

z e; - f c v, h, j n j w. 4 =

m b) 10/4 ~ p o w o m, c o, m

e o. 1 2 ~ h e j h i; - ~ h e f

o r.

1 f u m l m, c, l v ~ n o j h 2. 1

u 2/1 - v o b, u, t p e u, - e l b;

- f, 1, 1 l v p i v h, c, v ~ p, m

~f/0, -<sup>c</sup>, r/c. yce/ber.  
v, r/c.

z0 ..., ~ 26. Anu 17...

re<sup>o</sup> f vco







