

1.  $\int \sin^2 x \, dx$

$\int \sin^2 x \, dx = \int \frac{1 - \cos 2x}{2} \, dx$

$= \frac{1}{2} \int (1 - \cos 2x) \, dx$

$= \frac{1}{2} \left( x - \frac{\sin 2x}{2} \right) + C$

$= \frac{1}{2} x - \frac{\sin 2x}{4} + C$

$= \frac{1}{2} x - \frac{2 \sin x \cos x}{4} + C$

$= \frac{1}{2} x - \frac{\sin x \cos x}{2} + C$

$= \frac{1}{2} x - \frac{1}{2} \sin x \cos x + C$

$= \frac{1}{2} x - \frac{1}{4} \sin 2x + C$

gouds zwaarm  
wint oom,  
-2 Coe ophi  
H. 2 l r z e ~.  
i d ) 2 ~ 2, - z e  
S u b u ~ r,  
i l u a D o o l o c e  
2 1/2 r p e r y.

"<sup>l</sup>v/10, that you!

v/0 v/0 am,

f<sup>2</sup> h<sup>2</sup> n<sup>2</sup> 1,

2-0, -<sup>2</sup> -<sup>2</sup>.

I h<sup>2</sup> n<sup>2</sup> 1 f<sup>2</sup> n<sup>2</sup>

-h<sup>2</sup> n<sup>2</sup> d<sup>2</sup>.

f<sup>2</sup> v/0 f<sup>2</sup> n<sup>2</sup>,

f<sup>2</sup> h<sup>2</sup> n<sup>2</sup> d<sup>2</sup>!"

- 25 6 6 1, 1, 1, 1

- 1) 2° 6 6 2,

1, 1, 1, 1, 1, 1,

1 2 6 6 6 6 6 6.

1 2 6 6 6 6 6 6,

1 2 6 6 6 6 6 6,

1 2 6 6 6 6 6 6,

1 2 6 6 6 6 6 6.

1. 12g ~, 12h,  
o b e d j ~, ~,  
o c - D, g z d,  
1. v e o ' z ~.

" — v o i z ~ o f t e r,  
s h e r l e r, ~,  
p l o ~ ~ ~,  
c o m ~ ~ ~!"

-zphoort, r,  
es y' antler,  
-2v, g n i u o z,  
inse gubler n s.  
"I, antler,  
c n i g f l,  
-vovovov!"  
-v, -o 2 v.

int. 20' per,

- 40, 20' 1/2 per,

int. 20' 1/2 per,

1/2, 1/2, 1/2

"- 20, 1/2 - 1/2 per,

- 20' 1/2 per,

0 1/2 per,

1/2 1/2 20' 1/2!"

- zweierlei,  
als Colloids,  
zwei Stufen,  
unlöslich.

- zwei Stufen,  
einer, - letzter,  
zwei Stufen,  
zwei Stufen.



100, 100, 100,

100, 100,

100, 100,

100, 100,

100, 100,

100, 100,

100, 100,

100, 100.

、 $21 \leq 2 \leq 2$

$2 \leq 2 \leq 2$

-  $2 \leq 2 \leq 2$

$2 \leq 2 \leq 2$

$2 \leq 2 \leq 2$

$2 \leq 2 \leq 2$

$2 \leq 2 \leq 2$

$2 \leq 2 \leq 2$

elberfeld, 1848,

- Die 6. 1848,

2. 1848,

- Die 1848,

1848,

1848,

1848,

1848.

a f, L, n, n, n,  
1262 g r n?

S 10' f e, S 10' f e,

S l v, S f n r e,

S 10' n n b,

S e n n n b

- 2 n h S 2 g p b

o 2 n o b n e,

Handwritten scribble, possibly "Handwritten, D. S. S.", with a checkmark.

Handwritten scribble, possibly "Handwritten, D. S. S.", with a checkmark.

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~ 2 2 2 2 1, 2,

6 2 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

1 2 2 2 2.

- ჯ. მ. მ. მ.  
მ. მ. მ. მ. მ.,  
- მ. მ. მ. მ. მ.,  
- მ. მ. მ. მ. მ.

მ. მ. მ. მ. მ.  
მ. მ. მ. მ. მ.,  
- მ. მ. მ. მ. მ.,  
- მ. მ. მ. მ. მ.

c<sup>2</sup>, l Sze-l  
u<sup>2</sup>, r<sup>2</sup> u o!  
p o h, / r<sup>2</sup> u s,  
u<sup>2</sup> l o u o.  
o s, o s, u y u  
o r o z u u u,  
r<sup>2</sup> u o o o,  
e l u r p l u!



- 2/1, 1/2, 1/3, 1/4, 1/5,

1/6, 1/7, 1/8, 1/9, 1/10,

1/11, 1/12, 1/13, 1/14,

1/15, 1/16, 1/17, 1/18,

1/19, 1/20, 1/21, 1/22,

1/23, 1/24, 1/25, 1/26,

1/27, 1/28, 1/29, 1/30,

1/31, 1/32, 1/33, 1/34,

— 6 3, 4 6 ~ 5 2,

— 7 0 ° 1 0 2 3

1 2 3 4 5 6,

0 1 2 3 4 5 6.

— 1 2, 3 4 5

6 7 8 ° 9 10

1 2 3 4 5 6,

7 8 9 10 11.

- 2h - 20 zu

2 Jahre 24 - 11

- 201 - 1000000

1. 1000000000

1. 1000000000

2. 1000000000

2. 1000000000

2. 1000000000

es 2 / 2 5 ~ 2 6 fl

s ~ 0 - p li

"P es! P es, P no,

, mit o pro!"

- bed (p' - 2,

- 8<sup>2</sup> 4 2

0 2 2 2 2 p

~ 2 2 2 2

"o p o!" m' L ~ r

√ te 4 2 ~ r h,

-, o p w c s c,

— o' s ve / ve p:

"o p o, ~ r k,

~ r v e p e p!

c o p 2 2? c o n, ~ r?

c o p 2 2 r ~ r p!" m



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

W. J. J.

