

# The Virtual Laboratory

Max-Planck-Institute for the History of Science, Berlin  
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[Stumpf, Carl]. n. d. [Envelope] 4. Tafeln des Interferenz-Aufbau's f. gesungene Vokale. (Ethnologisches Museum Berlin SPK, Phonogramm-Archiv: Stumpf Papers)



~~208 5 2/3~~

~~Tastenerbe & Ringpille~~



Herrn Geheimrat

DiU

Tafel  
des

Professor Dr. C. Hümpf.

Indz. Aufbaa's

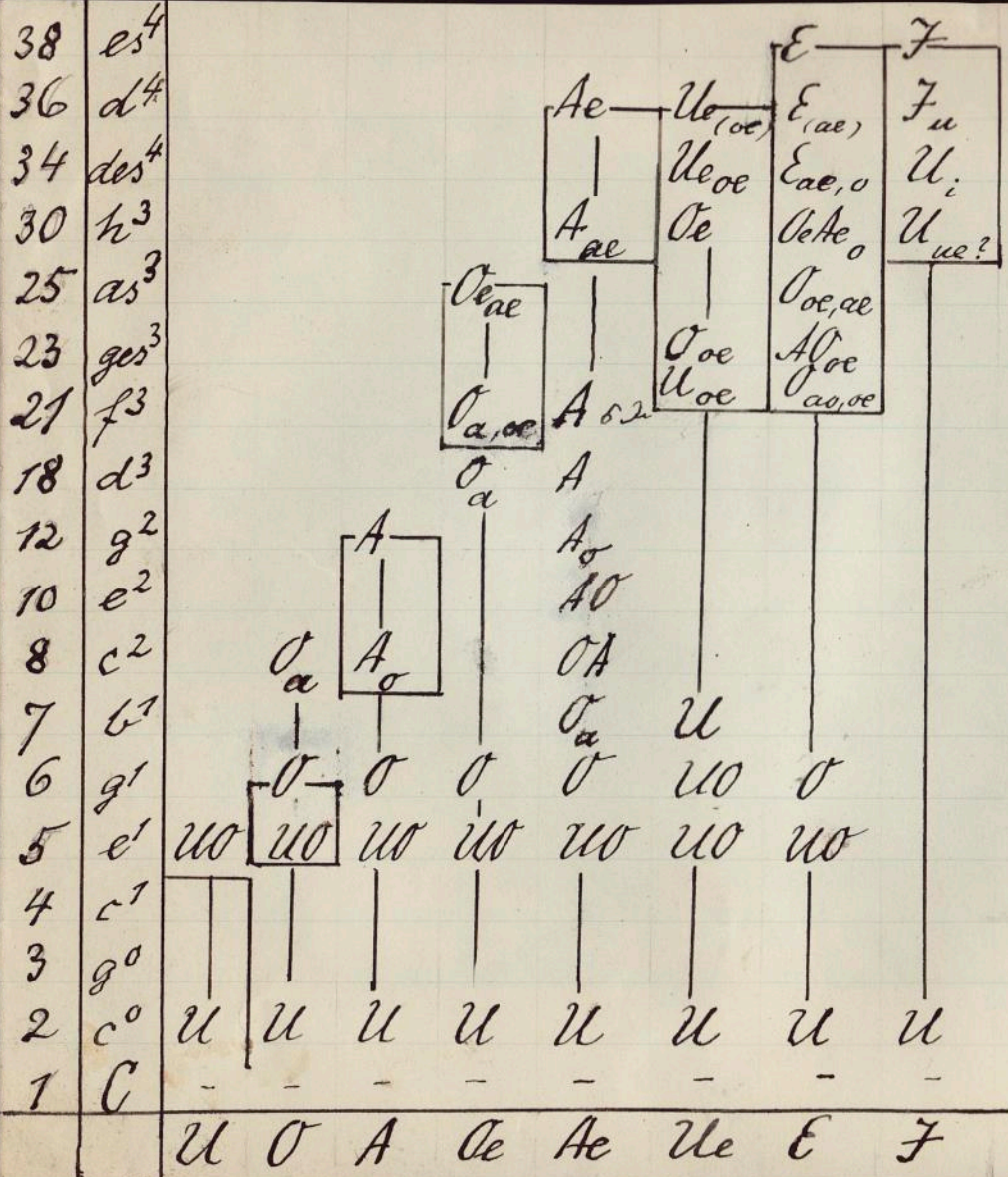
f. gemengte Tische

Berlin W.

---

Augsb. Bürgerstr. 45.

Privatdozent  
Berlins nennig  
Frankfurt a. M.  
No. 12345678



38 + 2

or just x. u. v

ges: 28 + 2

ed. 10. 5.

u. A. 20. c. 2. 2. A

u. v. 2. A. 8. 2. 2.

1. 2. +. f. e. 1. v.

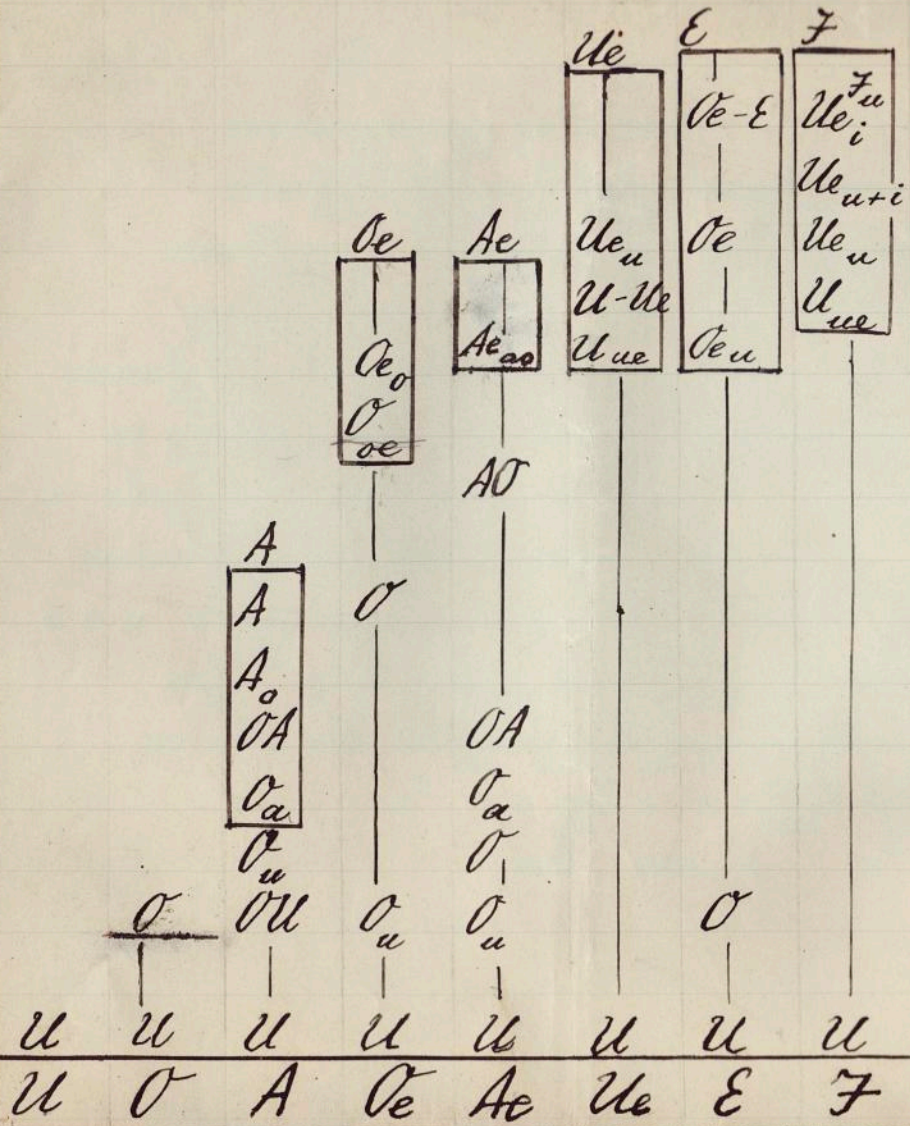
u. v. u. e. 6. u. d. s.

u. 2. 3. 2. u. h.

(7)



32 c<sup>5</sup>  
 28 b<sup>4</sup>  
 24 g<sup>4</sup>  
 22 fis<sup>4</sup>  
 20 e<sup>4</sup>  
 18 d<sup>4</sup>  
 16 c<sup>4</sup>  
 14 b<sup>3</sup>  
 12 g<sup>3</sup>  
 10 e<sup>3</sup>  
 8 c<sup>3</sup>  
 7 b<sup>2</sup>  
 6 g<sup>2</sup>  
 5 e<sup>2</sup>  
 4 c<sup>2</sup>  
 3 g<sup>1</sup>  
 2 c<sup>1</sup>  
 1 c<sup>0</sup>

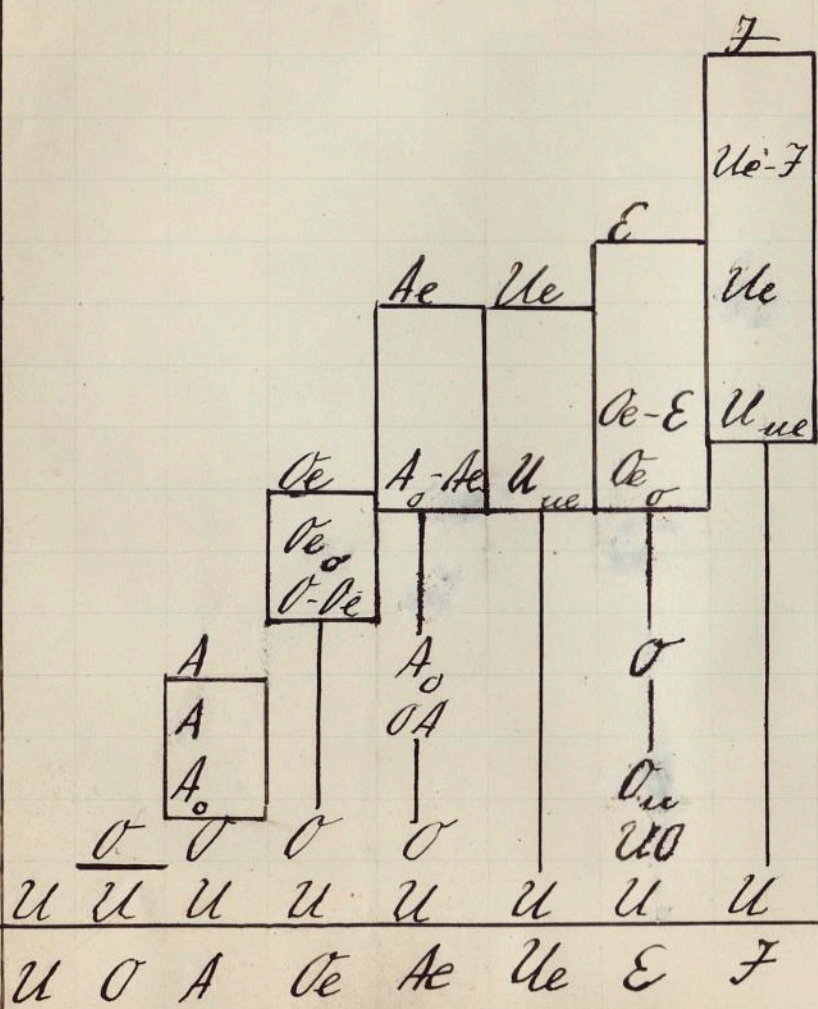


Nachfol 40+41  
 conjunct 36+37  
 Du. 80, 100  
 ~ 40.

A?

u u u u u u u u  
 u o A Ae Ue E F

15  $h^4$   
 14  $b^4$   
 13  $as^4$   
 12  $g^4$   
 11  $fis^4$   
 10  $e^4$   
 9  $d^4$   
 8  $c^4$   
 7  $b^3$   
 6  $g^3$   
 5  $e^3$   
 4  $c^3$   
 3  $g^2$   
 2  $c^2$   
 1  $c^1$

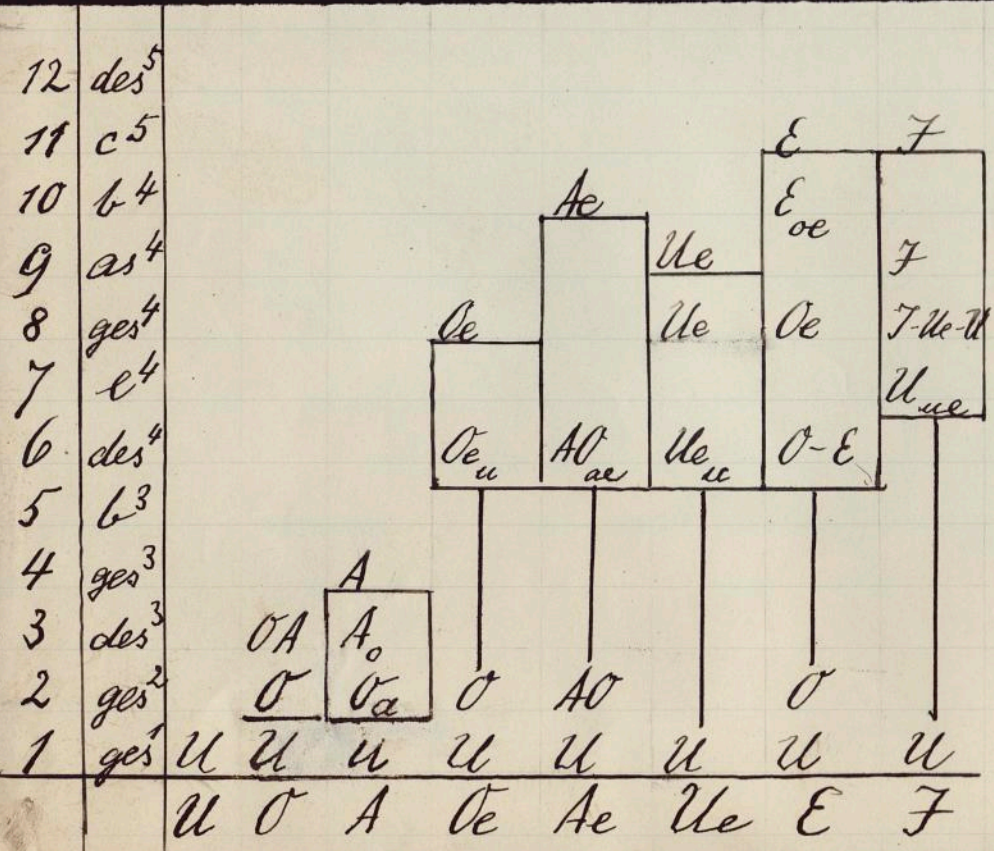


$D 44 + 45$   
 (obv. w. h. l.)  
 $De \vee g^3$

$e \vee De \vee w. h. l. / c^1$   
 $\mu A_o \vee A g$

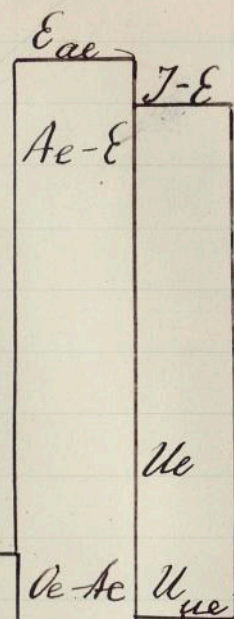
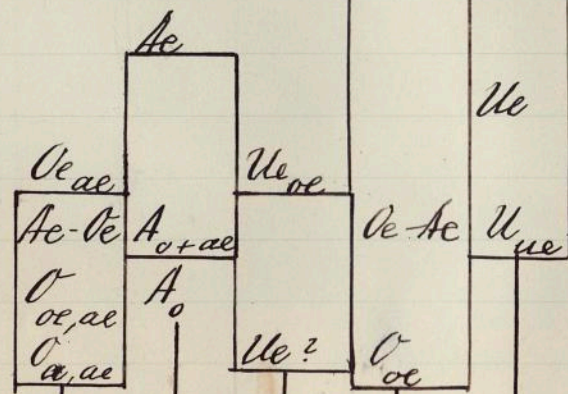
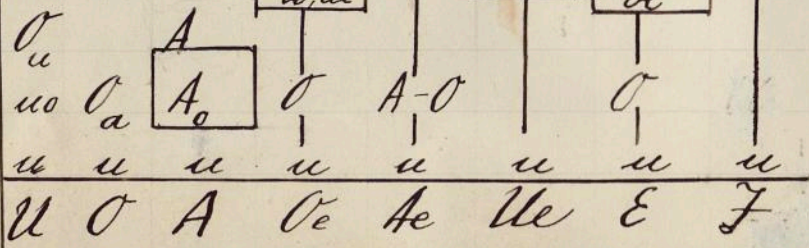
Nachfol. 45<sup>a</sup>

Ju<sup>n</sup>



6

32 c7  
16 c6  
14 b5  
12 g5  
11 fis5  
10 e5  
9 d5  
8 c5  
7 b4  
6 g4  
5 e4  
4 c4  
3 g3  
2 c3  
1 c2



147-49  
as 0 20



Teilform Nr	Note	U	O	A	Oe	Ae	Ue	E	F
1	ges	U pp	U pp	U pp	U pp	U pp	U pp	U pp	U pp
2	ges <sup>0</sup>	U p	U p	U p	U p	U p	U p	U p	U p
3	des <sup>1</sup>	U	U	U	U	U	U p	U p	U p
4	ges <sup>1</sup>		O <sub>u</sub>	U	O <sub>u</sub>	O		U <sub>o</sub>	
5	b <sup>1</sup>		O <sub>u</sub>	UO	"				
6	des <sup>2</sup>		O	OA	"				
7	e <sup>2</sup>			AO	"				
8	ges <sup>2</sup>			A <sub>o</sub>	"	AO			
10	b <sup>2</sup>			"	O				
12	des <sup>3</sup>			"	"	A <sub>o</sub>		O <sub>u</sub>	
14	e <sup>3</sup>			A gut	"				
16	ges <sup>3</sup>				"				
20	b <sup>3</sup>				Oe Oe <sub>o</sub>	A o+ae	U-Ue	Oe <sub>u</sub>	
24	des <sup>4</sup>				Oe gut	Blöken			
28	e <sup>4</sup>						Ue <sub>u</sub>		
32	ges <sup>4</sup>					Ae gut	Ue gut		Uue
40	b <sup>4</sup>							E	Ue <sub>u</sub>
48	des <sup>5</sup>							E gut	F
52	es <sup>5</sup>								F gut

Nachtrag 39

Nach Fol 39

Feilston Nr	Note	U	U	A	Oe	Ae	Ue	E	F
1	c <sup>0</sup>	U ppp	U ppp	U ppp	U ppp	U ppp	U ppp	U ppp	U ppp
2	c <sup>1</sup>	U	U p	U p	U p	U p	U	U	U
3	g <sup>1</sup>	U	U	OU	O <sub>u</sub>	O <sub>u</sub>	"	O	U
4	c <sup>2</sup>			O <sub>u</sub>	"	O	"	"	"
5	e <sup>2</sup>			O <sub>a</sub>	"	O <sub>a</sub>	"	"	"
6	g <sup>2</sup>			OA	"	OA	"	"	"
7	b <sup>2</sup>			A <sub>o</sub>	"	"	"	"	"
8	c <sup>3</sup>			A	O	"	"	"	"
10	e <sup>3</sup>			A gut	"	"	"	"	"
12	g <sup>3</sup>			"	"	AO	"	"	"
14	b <sup>3</sup>			O <sub>oe</sub>	"	"	"	"	"
16	c <sup>4</sup>			O <sub>o</sub>	"	"	"	"	"
18	d <sup>4</sup>			"	Ae <sub>ao</sub>	U <sub>ue</sub>	O <sub>u</sub>	U <sub>ue</sub>	U <sub>ue</sub>
20	e <sup>4</sup>			O <sub>e</sub> gut	Ae gut	U <sub>ue</sub>	O <sub>e</sub>	U <sub>ue</sub>	U <sub>ue</sub>
24	g <sup>4</sup>						O <sub>e</sub> -E	U <sub>ue</sub> xi	U <sub>ue</sub> i
28	b <sup>4</sup>					U <sub>ue</sub> gut		U <sub>ue</sub>	U <sub>ue</sub>
32	c <sup>5</sup>						E gut	F gut	F gut

Nach Fol 40 + 41

V. 25

36 + 37

(D) 2. Zahl

X U vocal

Flüsterokale

1,5	ges <sup>5</sup>					ü	Ed	F d
2	des <sup>5</sup>					U, f	E	F e
2,5	a <sup>4</sup>			Ä	Ä	ü, f	E	F o, f
3	ges <sup>4</sup>			Ä	Ä	ü, f	O+E, Eö	bo Vü; U; i
3,5	es <sup>4</sup>			Ä	Ä	ü, f	Oö	2. bo
4	des <sup>4</sup>			Ä	Ä	(U, f)	O, en	
4,5	es <sup>3</sup>			Ä	Ä	U, bo		
5	a <sup>3</sup>	A d		Ä	Ä			
5,5	es <sup>3</sup>			Oö				
6	ges <sup>3</sup>							
7	es <sup>3</sup>	A d		O	Ä			
8	des <sup>3</sup>	O, d	Ä	Ä				
9	h <sup>2</sup>			O	Ä	U	O	U
10	a <sup>2</sup>	U, f	O	Ä				
12	ges <sup>2</sup>	U, f	Ä	Ä				
14	es <sup>2</sup>	U, f	O	Ä	U, f	U, f	U, f	
16	des <sup>2</sup>	U, f	U, f	Ä				
18	h <sup>1</sup>	U, f	Ä	Ä		U, f	U, f	U, f
22	g <sup>1</sup>	U, f	Ä	Ä				

60 f 2. Teil p 340

Grundton c.

b <sup>4</sup>					ü	ε	ʝ
ä <sup>4</sup>							ʝu
g <sup>4</sup>						öε	üi
fis <sup>4</sup>							üüi
e <sup>4</sup>		ö	ä	üu	ö	üu	ä <sup>4</sup>
d <sup>4</sup>				üü		üü	g <sup>4</sup>
c <sup>4</sup>		<u>öσ</u>	<u>äσ</u>	<u>üü</u>	<u>öu</u>		fis <sup>4</sup>
i <sup>3</sup>		<u>öö</u>					e <sup>4</sup>
g <sup>3</sup>			Aσ				d <sup>4</sup>
e <sup>3</sup>							c <sup>4</sup>
c <sup>3</sup>		A	σ				i <sup>3</sup>
i <sup>2</sup>		Aσ					g <sup>3</sup>
g <sup>2</sup>		OA	OA				e <sup>3</sup>
e <sup>2</sup>		<u>Oa</u>	Oa				c <sup>3</sup>
c <sup>2</sup>		<u>Os</u>	O				g <sup>2</sup>
g <sup>1</sup>		<u>O</u>	OU	Ou	Ou	O	c <sup>2</sup>
c <sup>1</sup>							c <sup>1</sup>
c	U	U	U	U	U	U	U
	U	σ	A	ö.	ä	ü	ε ʝ

Grundton c<sup>1</sup>

								ʝ	
								üʝ	
								ε	
						<u>ä</u>	<u>ü</u>	ü	
								öε üü	
					<u>ö</u>	<u>ö</u>	<u>Aoä</u>	<u>üü</u>	<u>öö</u>
					<u>ö</u>	<u>ö</u>			
							<u>Ao</u>	O	
							A	OA	
							<u>Ao</u>		ou
					<u>σ</u>	<u>O</u>	<u>O</u>	<u>O</u>	uo
	U	U	U	U	U	U	U	U	U
	U	σ	A	ö	ä	ü	ε	ʝ	