

TABLE VII					
n	$4.917 \times n$	Observed Charge	n	$4.917 \times n$	Observed Charge
1	4.917	...	10	49.17	49.41
2	9.834	...	11	54.09	53.91
3	14.75	...	12	59.00	59.12
4	19.66	19.66	13	63.92	63.68
5	24.59	24.60	14	68.84	68.65
6	29.50	29.62	15	73.75	...
7	34.42	34.47	16	78.67	78.34
8	39.34	39.38	17	83.59	83.22
9	44.25	44.42	18	88.51	...

	$d = 0.5\text{cm}$		$d = 0.5\text{cm}$	Charge on ion			Frictional charge		
t_g	$v_1(= d/t_g)$ (cm/sec)	t_F	$v_2(= d/t_F)$ (cm/sec)	$(v'_2 - v_2)$	n'	$\frac{v'_2 - v_2}{n'}$	$v_1 + v_2$	n	$\frac{v_1 + v_2}{n}$
18.2	.00286	3.8	0.01316				0.01602	3	.00534
18.6	<i>avr</i>			.00470	1	.00470			
19.2		2.8	.01786						
18.0				.01561	3	.00520			
17.2		22.2	.00225						
15.4				.00544	1	.00544			
16.7		6.5	.00769						
18.0				.00541	1	.00541			
15.4		21.9	.00228						
17.3				.01123	2	.00562			
<u>18.4</u>		3.7	.01351						
17.5						<u>.00527</u>			<u>.00534</u>
<i>avr</i>						<i>avr</i>			

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

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

- First line
- Second line
- Third line, which is quite long and seemingly tedious in the extreme
- Fourth line, which isn't as long as the third

TABLE VI^a

t_g Sec.	t_F Sec.	$\frac{1}{t_F}$	$\frac{1}{t'_F} - \frac{1}{t_F}$	n'	$\frac{1}{n'}(\frac{1}{t'_F} - \frac{1}{t_F})$	$\frac{1}{t_g} + \frac{1}{t_F}$	n	$\frac{1}{n}(\frac{1}{t_g} + \frac{1}{t_F})$
11.848	80.708	.01236				.09655	18	.005366
11.890	22.366	.04470	.03234	6	.005390	.12887	24	.005371
11.908	22.390							
11.904	22.368		.03751	7	.005358			
11.882	140.565	.007192				.09138	17	.005375
6	29.50	29.62	15	73.75	...			
7	34.42	34.47	16	78.67	78.34			
8	39.34	39.38	17	83.59	83.22			
9	44.25	44.42	18	88.51	...			
Duration of exp.			= 45 min.		Pressure	= 75.62 cm.		
Plate distance			= 16 mm.		Oil density	= .9199		

^a[The bracketed numbers are our corrections of errors in the original paper.]

- Fifth line

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