

TABLE IV

t_g	t_F
13.6	12.5
13.8	12.4
13.4	21.8
13.4	34.8
13.6	84.5
13.6	85.5
13.7	34.6
13.5	34.8
13.5	16.0
13.8	34.8
13.7	34.6
13.8	21.9
13.6	
13.5	
13.4	
13.8	
13.4	
Mean	13.595

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	...

²[The bracketed numbers are our corrections of typos in Millikan's original table.]

	$d = 0.5\text{cm}$		$d = 0.5\text{cm}$	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			
18.4		3.7	.01351						
17.5						.00527			.00534
<i>avr</i>						<i>avr</i>			

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		.03234	6	.005390			
11.908	22.390	.04470				.12887	24	.005371
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	...			

^aThe bracketed numbers are our corrections of errors in the original paper.

$$\begin{array}{rcl}
1.234 & \left. \begin{array}{l} 1.567 \\ 1.345 \\ 1.675 \end{array} \right\} & \begin{array}{l} 1.487 \\ 1.925 \\ 2.456 \end{array} \\
T = 0 & T = 1 & T = 2 \\
-1 & \left\{ \begin{array}{l} 0 \\ 1 \end{array} \right. & \begin{array}{l} R \\ 0 \end{array}
\end{array}$$

$$\begin{array}{rcl}
T = 0 & T = 1 & T = 2 \\
-1 & \left\{ \begin{array}{l} 0 \\ 1 \end{array} \right. & \begin{array}{l} R \\ 0 \end{array}
\end{array}$$

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
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4	19.66	19.66	13	63.92	63.68			
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^aThe bracketed numbers are our corrections of errors in the original paper.

Part A the first part
Part B $\left\{ \begin{array}{l} \text{a first sub-part} \\ \text{a second sub-part} \end{array} \right.$

- 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
- Fifth line

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