نتایج آزمایش دشارژ خازن با استفاده از نرم افزار سیمولینک

$e1 = 8.05 \quad e2 = 5.05 \quad e3 = 11.88 \quad R = 113000 \quad C = 0.000470$ charge time $= 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	24.1600	
3	40.2690	
2.5	60.3051	
2	86.3983	
1.5	122.7620	

$e1 = 7.72 \quad e2 = 4.99 \quad e3 = 12 \quad R = 113000 \quad C = 0.000470$ charge time $= 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	19.7484	
3	35.6186	
2.5	55.3497	
2	81.0667	
1.5	116.9821	

$e1 = 8.11 \quad e2 = 4.99 \quad e3 = 12.01 \quad R = 113000 \quad C = 0.000470$ charge time $= 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	24.8207	
3	40.9726	
2.5	61.0475	
2	87.1904	
1.5	123.5903	

$e1 = 8.16 \quad e2 = 5 \quad e3 = 11.97 \quad R = 113000 \quad C = 0.000470$ charge time $= 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	25.4849	
3	41.6695	
2.5	61.7918	
2	88.0003	
1.5	124.4662	

$e1 = 8.42 \quad e2 = 5.04 \quad e3 = 11.92 \quad R = 113000 \quad C = 0.000470 \quad \text{charge time} = 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	28.8326	
3	45.1931	
2.5	65.5432	
2	92.0071	
1.5	128.7837	

$e1 = 7.85 \quad e2 = 5 \quad e3 = 11.97 \quad R = 113000 \quad C = 0.000470 \quad \text{charge time} = 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	21.4857	
3	37.4469	
2.5	57.3000	
2	83.1693	
1.5	119.2565	

$e1 = 8.11 \quad e2 = 4.97 \quad e3 = 11.94 \quad R = 113000 \quad C = 0.000470 \quad \text{charge time} = 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	24.8366	
3	40.9942	
2.5	61.0742	
2	87.2211	
1.5	123.6189	

$e1 = 7.71 \quad e2 = 5.05 \quad e3 = 11.87 \quad R = 113000 \quad C = 0.000470 \quad \text{charge time} = 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	19.7237	
3	35.5923	
2.5	55.3230	
2	81.0451	
1.5	116.9814	

$e1 = 8.34 \quad e2 = 5.01 \quad e3 = 11.99 \quad R = 113000 \quad C = 0.000470 \quad \text{charge time} = 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	27.7673	
3	44.0799	
2.5	64.3459	
2	90.7372	
1.5	127.4114	

$e1 = 8.19 \quad e2 = 4.99 \quad e3 = 11.90 \quad R = 113000 \quad C = 0.000470 \quad \text{charge time} = 120\ s$

$\frac{x}{c}$ (volt)	t (second)	t_{total} (minutes)
3.5	25.8963	
3	42.0989	
2.5	62.2604	
2	88.4985	
1.5	125.0008	