

نتایج آزمایش دشارژ خازن با استفاده از نرم افزارهای

### Matlab Simulink & Curve Fitting Tool

$e1 = 7$   $e2 = 12$   $R = 113000$   $C = 0.000470$   $charge\ time = 120\ s$

$\frac{x}{C}$ (volt)	$t$ (second)	$t$ (minutes)
3	20.665283459371452124224069728499	2 : 20.66
2.5	40.085025886234793803428760090574	2 : 40.08
2	64.909401655631864945994535263242	3 : 4.90
1.5	98.53917142114854172537137210562	3 : 38.53
1	148.41083242314803695478793917143	4 : 28.41
0.5	236.05414532149737353430566375807	5 : 56.05