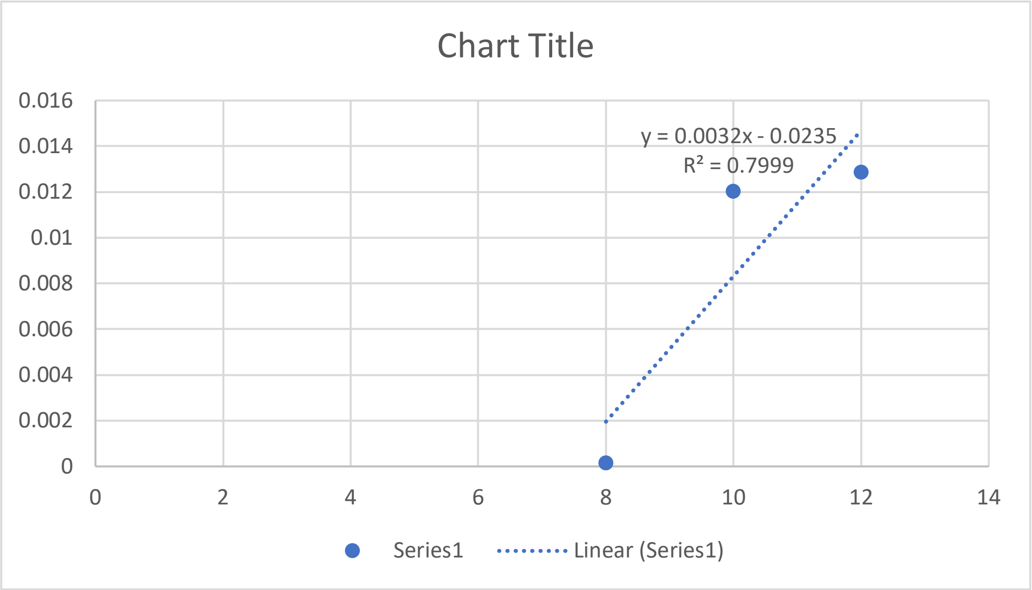
Vin 8

	Vmax	Rsh	Rm	V=1T	T [ms]	T[s]	Lm
1	5.2	6.9	3.715385	3.2864	3.35	0.0000335	0.0001245
2	5.36	6.9	3.398507	3.38752	3.4	0.000034	0.0001155
3	5.36	6.9	3.398507	3.38752	3.4	0.000034	0.0001155
4	5.36	6.9	3.398507	3.38752	3.4	0.000034	0.0001155
5	5.28	6.9	3.554545	3.33696	3.5	0.000035	0.0001244
AVG	5.312	6.9	3.49309	3.357184	3.41	0.0000341	0.0001191

8	0.000119
10	0.012
12	0.012852



Vin 10

	Vmax	Rsh	Rm	V=1T	T [ms]	T[s]	Lm
1	6.8	6.9	3.247059	4.2976	3.75	0.00375	0.0121765
2	6.72	6.9	3.367857	4.24704	3.55	0.00355	0.0119559
3	6.72	6.9	3.367857	4.24704	3.55	0.00355	0.0119559
4	6.72	6.9	3.367857	4.24704	3.55	0.00355	0.0119559
5	6.72	6.9	3.367857	4.24704	3.55	0.00355	0.0119559
AVG	6.736	6.9	3.343697	4.257152	3.59	0.00359	0.012

Vin 12

	Vmax	Rsh	Rm	V=1T	T [ms]	T[s]	Lm
1	8.08	6.9	3.347525	5.10656	3.55	0.00355	0.0118837
2	8	6.9	3.45	5.056	3.7	0.0037	0.012765
3	7.92	6.9	3.554545	5.00544	3.85	0.00385	0.013685
4	8	6.9	3.45	5.056	3.75	0.00375	0.0129375
5	8.16	6.9	3.247059	5.15712	4	0.004	0.0129882
AVG	8.032	6.9	3.409826	5.076224	3.77	0.00377	0.0128519

31/1/69 ครั้งที่ 2

Vin 8

	Vmax	Rsh	Rm	V=1T	T [ms]	T[s]	Lm
1	5.6	6.7	2.871429	3.5392	14	0.014	0.0402
2	5.6	6.7	2.871429	3.5392	14	0.014	0.0402
3	5.6	6.7	2.871429	3.5392	14	0.014	0.0402
4	5.6	6.7	2.871429	3.5392	14	0.014	0.0402
5	5.6	6.7	2.871429	3.5392	14	0.014	0.0402
AVG	5.6	6.7	2.871429	3.5392	14	0.014	0.0402

Vin 10

	Vmax	Rsh	Rm	V=1T	T [ms]	T[s]	Lm
1	7.28	6.7	2.503297	4.60096	13.6	0.0136	0.0340448
2	7.2	6.7	2.605556	4.5504	14.1	0.0141	0.0367383
3	6.96	6.7	2.926437	4.39872	14.4	0.0144	0.0421407
4	6.96	6.7	2.926437	4.39872	14.4	0.0144	0.0421407
5	6.96	6.7	2.926437	4.39872	14.4	0.0144	0.0421407
AVG	7.072	6.7	2.777633	4.469504	14.18	0.01418	0.039441

Rm	lm
2.780747	0.039595

Vin 12

	Vmax	Rsh	Rm	V=1T	T [ms]	T[s]	Lm
1	8.48	6.7	2.781132	5.35936	14.4	0.0144	0.0400483
2	8.48	6.7	2.781132	5.35936	14.4	0.0144	0.0400483
3	8.56	6.7	2.692523	5.40992	14.3	0.0143	0.0385031
4	8.64	6.7	2.605556	5.46048	14.8	0.0148	0.0385622
5	8.64	6.7	2.605556	5.46048	14.8	0.0148	0.0385622
AVG	8.56	6.7	2.69318	5.40992	14.54	0.01454	0.0391448

6/2/69 ครั้งที่ 3

Vin 8

	Vmax	Rsh	Rm	V=1T	T [us]	T[s]	Lm [H]	Lm [mH]
1	5.36	6.9	3.3985	3.3875	272	0.000272	0.002801	2.8012
2	5.28	6.9	3.5545	3.3370	280	0.000280	0.002927	2.9273
3	5.28	6.9	3.5545	3.3370	272	0.000272	0.002844	2.8436
4	5.28	6.9	3.5545	3.3370	273	0.000273	0.002854	2.8541
5	5.36	6.9	3.3985	3.3875	268	0.000268	0.002760	2.7600
AVG	5.3120	6.9	3.4921	3.3572	273	0.000273	0.002837	2.8372

Vin 10

	Vmax	Rsh	Rm	V=1T	T [us]	T[s]	Lm	Lm [mH]
1	6.80	6.9	3.2471	4.2976	308	0.000308	0.003125	3.1253
2	6.64	6.9	3.4916	4.1965	268	0.000268	0.002785	2.7849
3	6.80	6.9	3.2471	4.2976	280	0.000280	0.002841	2.8412
4	6.56	6.9	3.6183	4.1459	272	0.000272	0.002861	2.8610
5	6.72	6.9	3.3679	4.2470	300	0.000300	0.003080	3.0804
AVG	6.7040	6.9	3.3944	4.2369	285.6	0.000286	0.002939	2.9385

Rm	Lm [mH]
3.412291	2.960775

Vin 12

	Vmax	Rsh	Rm	V=1T	T [us]	T[s]	Lm	Lm [mH]
1	8.08	6.9	3.347525	5.1066	284	0.000284	0.002910	2.910297
2	7.84	6.9	3.661224	4.9549	296	0.000296	0.003126	3.126122
3	8.16	6.9	3.247059	5.1571	308	0.000308	0.003125	3.125294
4	8.24	6.9	3.148544	5.2077	324	0.000324	0.003256	3.255728
5	8.08	6.9	3.347525	5.1066	304	0.000304	0.003115	3.115248
AVG	8.08	6.9	3.350375	5.10656	303.2	0.0003032	0.003107	3.106538

6/2/69 ครั้งที่ 4

Vin 12

	Vmax	Rsh	Rm	V=1T	T [us]	T[s]	Lm	Lm [mH]
1	8.232	6.9	3.1583	5.2026	276	0.000276	0.002776	2.7761
2	7.92	6.9	3.5545	5.0054	256	0.000256	0.002676	2.6764
3	8.16	6.9	3.2471	5.1571	280	0.000280	0.002841	2.8412
4	8.32	6.9	3.0519	5.2582	288	0.000288	0.002866	2.8662

Rm	Lm [mH]	Lm[H]
3.3999	2.853248	0.002853

5	7.92	6.9	3.5545	5.0054	264	0.000264	0.002760	2.7600
AVG	8.1104	6.9	3.3133	5.1258	272.8	0.0002728	0.002784	2.7840

WaveForms		Sin					Ramp					Step					Stair Step					Chirp				
	Freq	w	Eff	Ke	J	B	w	Eff	Ke	J	B	w	Eff	Ke	J	B	w	Eff	Ke	J	B	w	Eff	Ke	J	B
1	2000		0.699879649	0.059195763	0.000003929	0.000001136		0.847848385	0.050402626	0.000127417	0.000005656		0.961288828	0.048697563	0.000034087	0.000047908		0.996438677	0.055997662	0.000005665	0.000033502		0.750882138	0.059528122	0.000003676	0.000003133
2			0.999999451	0.026407946	0.000001160	0.000090274		0.904071811	0.046515100	0.000125177	0.000022947		0.965170713	0.049858504	0.000035083	0.000043296		0.999098469	0.061410382	0.000006781	0.000001611		0.995026623	0.040121737	0.000002072	0.000083237
3			0.999999304	0.026612128	0.000001139	0.000091008		0.906782004	0.046180744	0.000121868	0.000022870		0.986569246	0.057118634	0.000013850	0.000009258		0.999098447	0.059033088	0.000006320	0.000006760		0.999952443	0.056885544	0.000004474	0.000014737
4			0.961699956	0.033802891	0.000001777	0.000086262		0.908391538	0.046714941	0.000119589	0.000021916		0.999996522	0.038362804	0.000021459	0.000014862		0.999508874	0.058932391	0.000006506	0.000002949		0.999991064	0.062589811	0.000004891	0.000011584
5			0.999999451	0.026407946	0.000001160	0.000090274		0.908186239	0.046208729	0.000121120	0.000021946		0.999853623	0.056617538	0.000034743	0.000005052		0.999914136	0.056386115	0.000004397	0.000014906		0.994473369	0.058109432	0.000004807	0.000000147
AVG																										
1	2000 (เก็บครั้งที่ 2)		0.999575200	0.048459190	0.000013360	0.000023407		0.688800702	0.034079897	0.000080530	0.000087386		0.964415618	0.047127149	0.000011577	0.000033589		0.952868616	0.047996267	0.000009875	0.000032047		0.998383269	0.050081705	0.000011712	0.000000659
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AVG																										

1) signal(s) -> motor -> w1
2) signal(s) -> model motor[parameter ?motor] -> w2