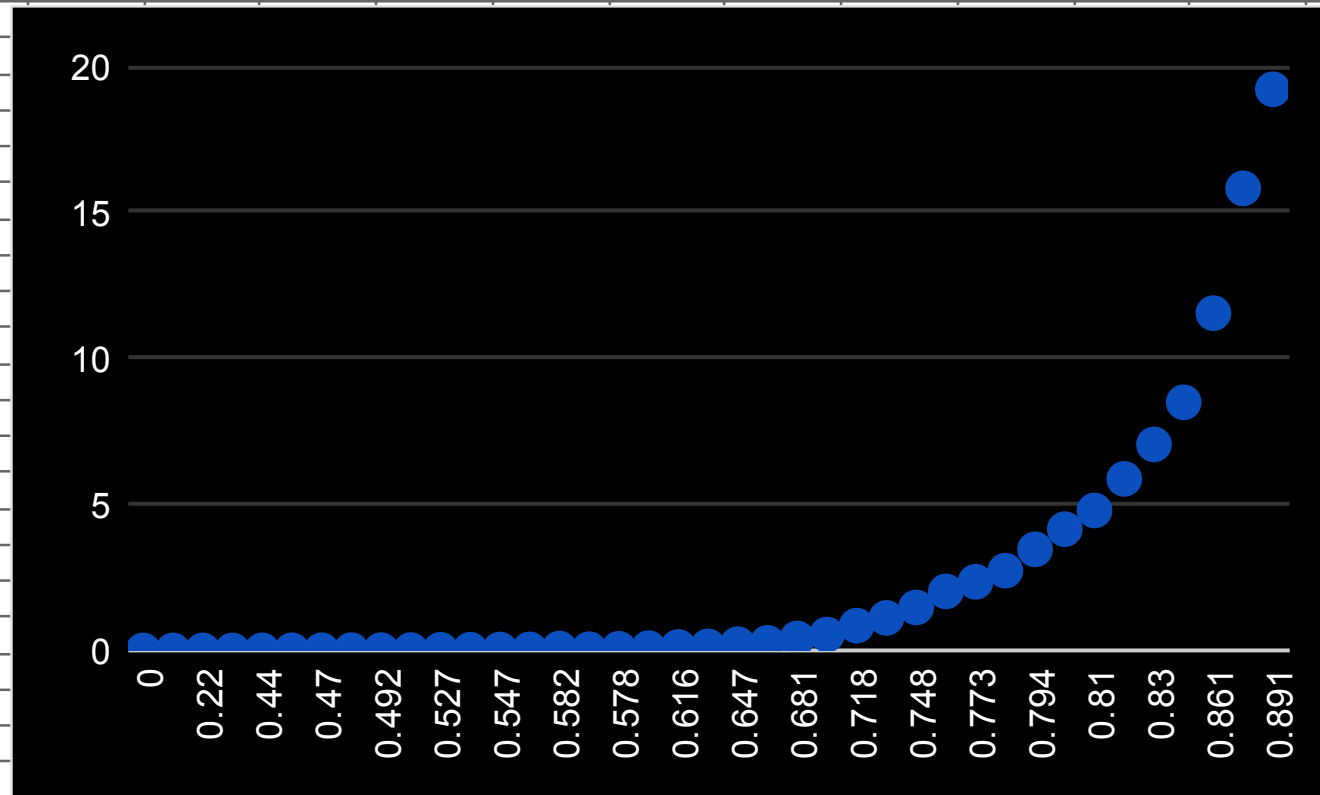


LAB-2 (EE236)

exp1	
vd	id
0	0
0.1	0
0.22	0
0.31	0
0.44	0.004
0.45	0.005
0.47	0.007
0.483	0.009
0.492	0.011
0.5	0.013
0.527	0.022
0.534	0.025
0.547	0.031
0.553	0.036
0.582	0.064
0.56	0.042
0.578	0.057
0.594	0.078
0.616	0.12
0.623	0.138
0.647	0.215
0.657	0.259
0.681	0.41
0.7	0.543
0.718	0.849
0.734	1.113
0.748	1.471
0.764	2.02
0.773	2.35
0.782	2.73
0.794	3.46

exp2	bar15-1		pn-diode	
f	t	Vmax	t	vmax
10k	2.4us	1.45	4.24 us	2.26
100k	2.14us	1.33	2.42us	2.26
1m	0.486us	0.72	0.490us	2.06
3m	0.151us	0.435	0.161	1.33

exp3	bar15 -1		pn-diode	
vb	id	vout	id	vout
0	0.998 ma	928mv	0.102 ma	1.86
1	1.551ma	1.136v	0.361ma	2.16
3	2.5ma	1.34v	2.4 ma	2.44
5	4.2ma	1.416v	4.3ma	2.48
-5	11.2 ua	53.2 mv	0.026ma	120mv



[illegible]