

exp1

diode(brown)

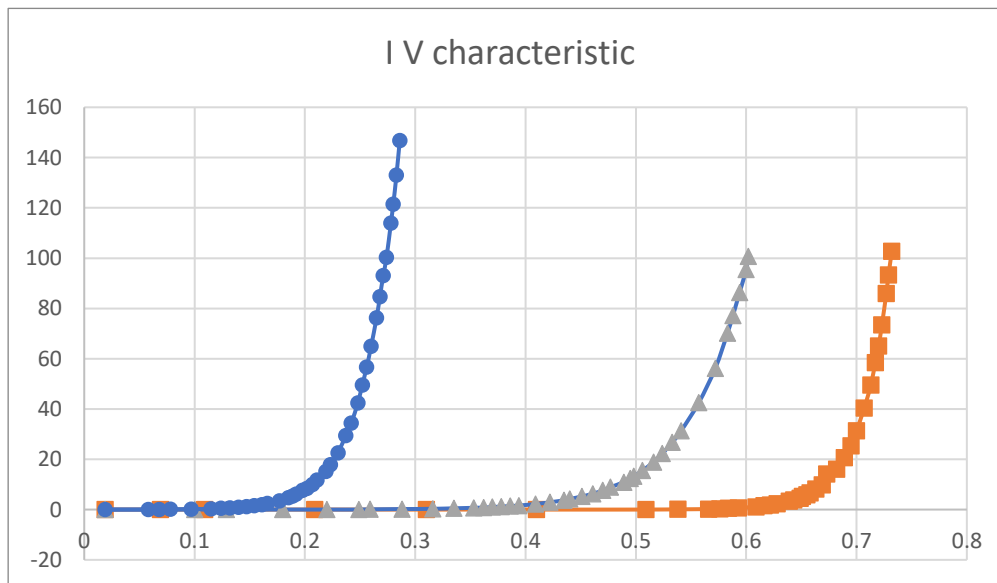
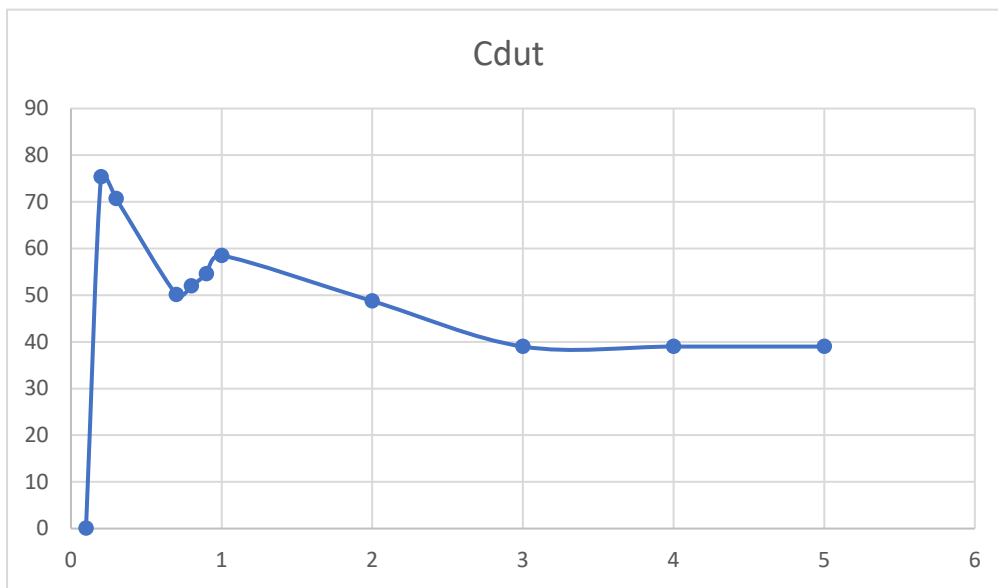
vd(brown)	id(brown)	vd(white)	id(white)	vd(green)	id(green)
0.019	0	0.019	0	0.019	0
0.069	0	0.1	0	0.058	0
0.109	0	0.129	0	0.068	0
0.209	0	0.18	0	0.078	0.1
0.31	0	0.22	0	0.097	0.2
0.41	0	0.249	0	0.115	0.3
0.509	0	0.259	0.1	0.124	0.5
0.538	0.1	0.288	0.2	0.132	0.7
0.566	0.2	0.316	0.3	0.14	0.9
0.576	0.3	0.335	0.5	0.147	1.2
0.584	0.5	0.353	0.7	0.154	1.6
0.593	0.7	0.362	0.8	0.161	1.9
0.609	1.1	0.37	1	0.166	2.4
0.616	1.5	0.378	1.2	0.177	3.4
0.622	1.8	0.386	1.4	0.185	4.7
0.628	2.3	0.394	1.6	0.189	5.4
0.639	3.3	0.409	2.2	0.192	6.1
0.643	3.9	0.422	2.9	0.198	7.6
0.649	4.5	0.435	3.7	0.202	8.4
0.651	5.2	0.44	4.2	0.207	10
0.655	5.9	0.451	5.2	0.211	11.7
0.658	6.7	0.461	6.32	0.219	15.2
0.663	8.2	0.47	7.6	0.223	17.9
0.669	9.8	0.477	8.9	0.23	22.6
0.673	14.2	0.489	10.9	0.237	29.4
0.682	16	0.495	12.4	0.242	34.4
0.689	20.6	0.498	13.2	0.248	42.4
0.695	25.4	0.506	15.5	0.252	49.5
0.7	31.3	0.516	18.9	0.256	56.6
0.707	40.4	0.524	22.3	0.26	64.9
0.713	49.5	0.533	26.7	0.265	76.3
0.717	58.5	0.541	31.3	0.268	84.7
0.72	65	0.557	42.5	0.271	93
0.723	73.4	0.572	56.2	0.274	100.3
0.727	85.9	0.583	70.1	0.278	114
0.729	93.3	0.588	77.2	0.2801	121.4
0.732	102.8	0.594	86.3	0.283	133
		0.6	95.5	0.286	146.8
		0.602	100.7		

I forgot to mention in answer script

green zener

orange pn

white PIN



this blue graph is of green diode
this grey graph is of white diode
this orange graph is of orange diode

exp2

Vdc	Vout	Vdut	Cdut	vout/vdut	0.1	
0.1	0.216	924	0.091169	Cfb	390	
0.2	0.232	1.2	75.4	w	50000	
0.3	0.232	1.28	70.6875	Rfb	8200	10041.72
0.7	0.18	1.4	50.14286			
0.8	0.16	1.2	52	srtfactor	1	
0.9	0.14	1	54.6			
1	0.12	0.8	58.5			
2	0.1	0.8	48.75			
3	0.08	0.8	39			
4	0.08	0.8	39			
5	0.08	0.8	39			