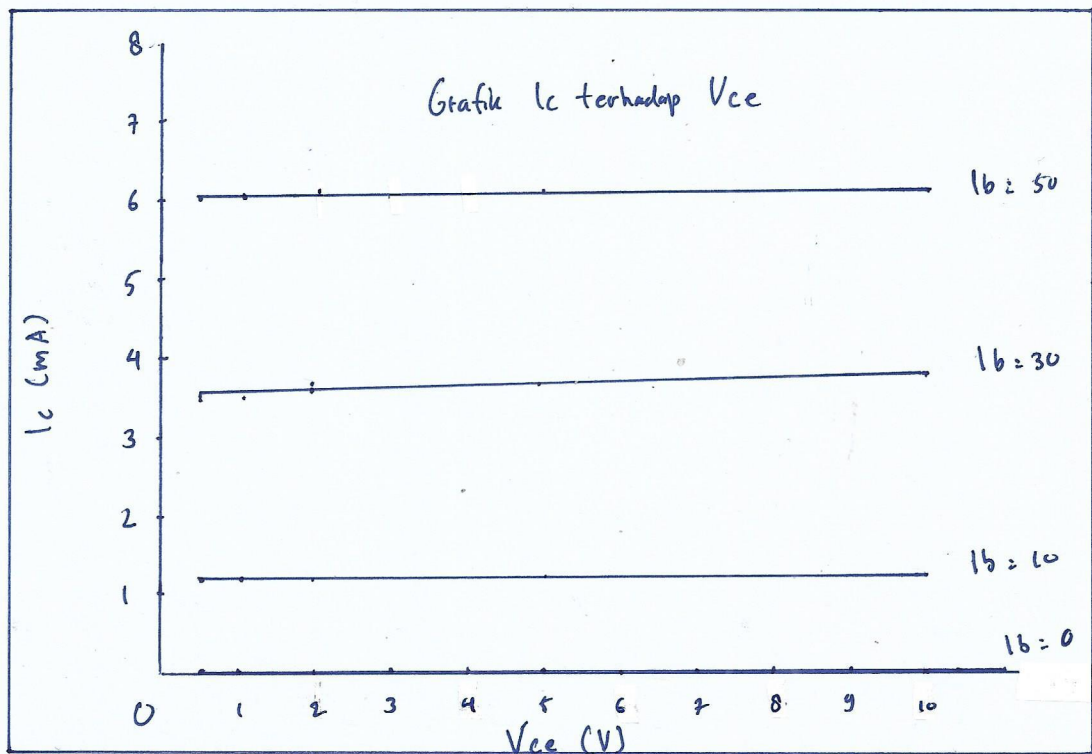


Data Percobaan

A. Tabel Karakteristik Output Transistor

Mencari nilai V_{ce} : V

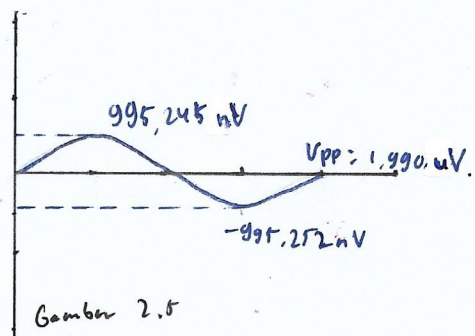
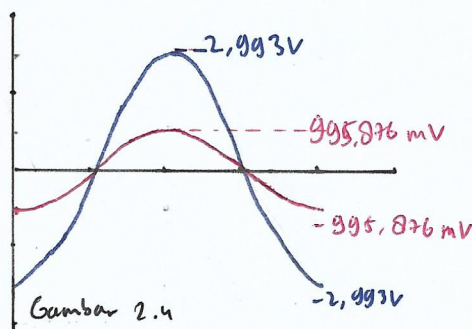
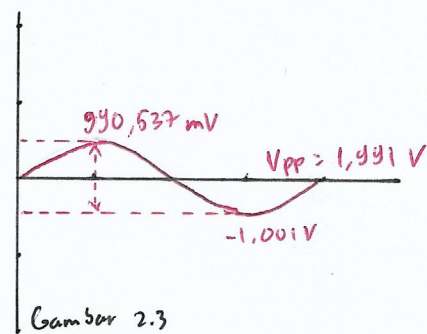
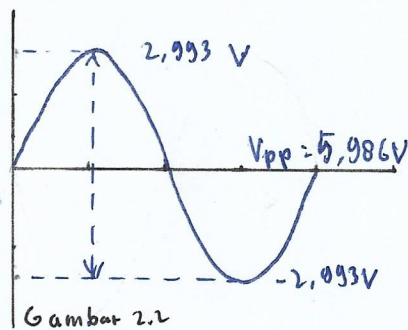
		I_c (mA)				
		$V_{ce} = 0,5$	$V_{ce} = 1$	$V_{ce} = 2$	$V_{ce} = 5$	$V_{ce} = 10$
I_b (μA)	0	0	0	0	0	0
	10	1,225	1,237	1,243	1,259	1,287
	30	3,688	3,686	3,703	3,753	3,836
	50	6,123	6,137	6,164	6,248	6,386



B. Penguat Arus DC

I_B (μA)	I_C (mA)
30	3.723
20	2.494
10	1.306

C. Penguat Arus AC

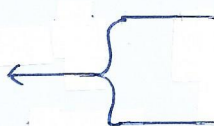


$$V_{pp} = 5.986V \quad V_{pp} = 1.992V$$

$$\text{Gain} = h_{FE}$$

$$\text{Gain AC} = \frac{1506}{12.222}$$

$$h_{FE} = 123.2204$$



$$\text{Gain DC} = \frac{1283}{10.36}$$

$$h_{FE} = 123.8417$$

$$10.36 \mu A \text{ DC}$$

$$I_B = 12.222 \mu A \text{ AC}$$

$$I_C = 1.293 \text{ mA DC}$$

$$1.506 \text{ mA AC}$$