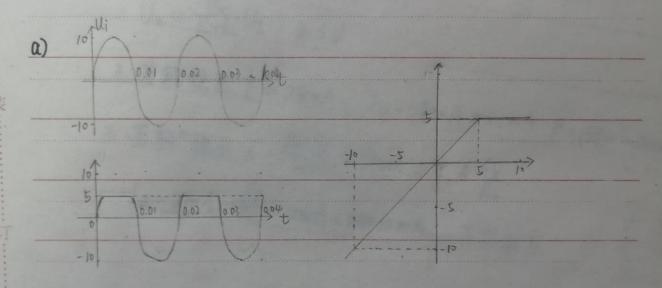
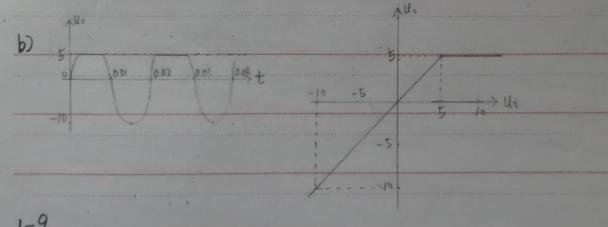
1-6

1.
$$I \approx \frac{10V - 0.7V}{5.1 \text{ kg}} = 1.82 \text{ mA}$$

2. 温度升高时二极管导电能力增加 I增大, Uo 減小

1-8





1-9

分别将两二极管正偏,反偏接入电路,得到4种稳压值

1.4V, 6.7V, 9.7V, = 15V

并联时,有2种稳压值 0.7V,6V

1-10 1. 若能稳压 $I = \frac{420V-6V}{500\Omega} = 28mA$, $I_0 = \frac{6V}{1KD} = 6mA$

Iz = 22mA > 10mA P=132mW < 200mW 能能压 Uo = 6V

2. 若能稳压 I = 20V-6V = 28MA, Io = 6V = 60mA

Iz < 10 mA 不能稳压

U. = RL UI = 3.3V

3. 若能稳压 I = 28mA, Iz = 28mA #7/0mA P=168w < 200w 能稳压

4. 若能*稳压 I = 7V-6V = 2mA, Io = 6V RL