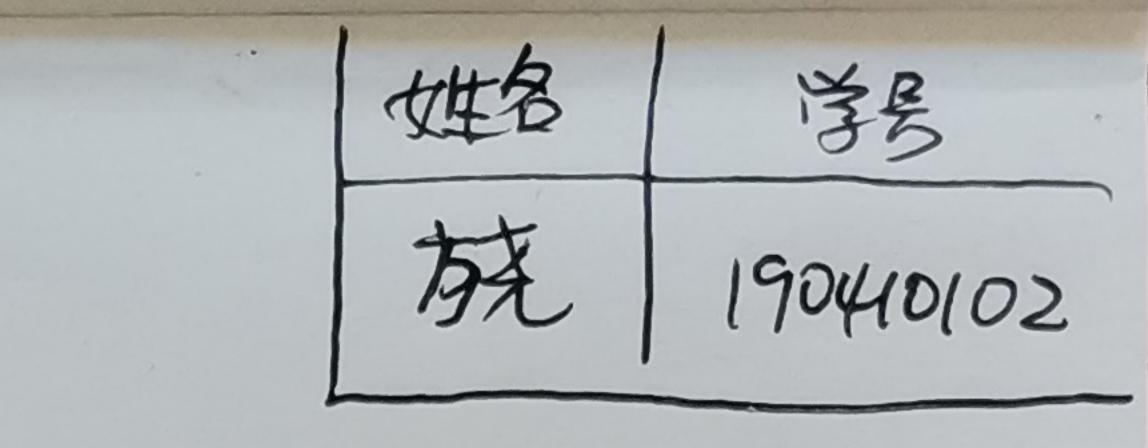
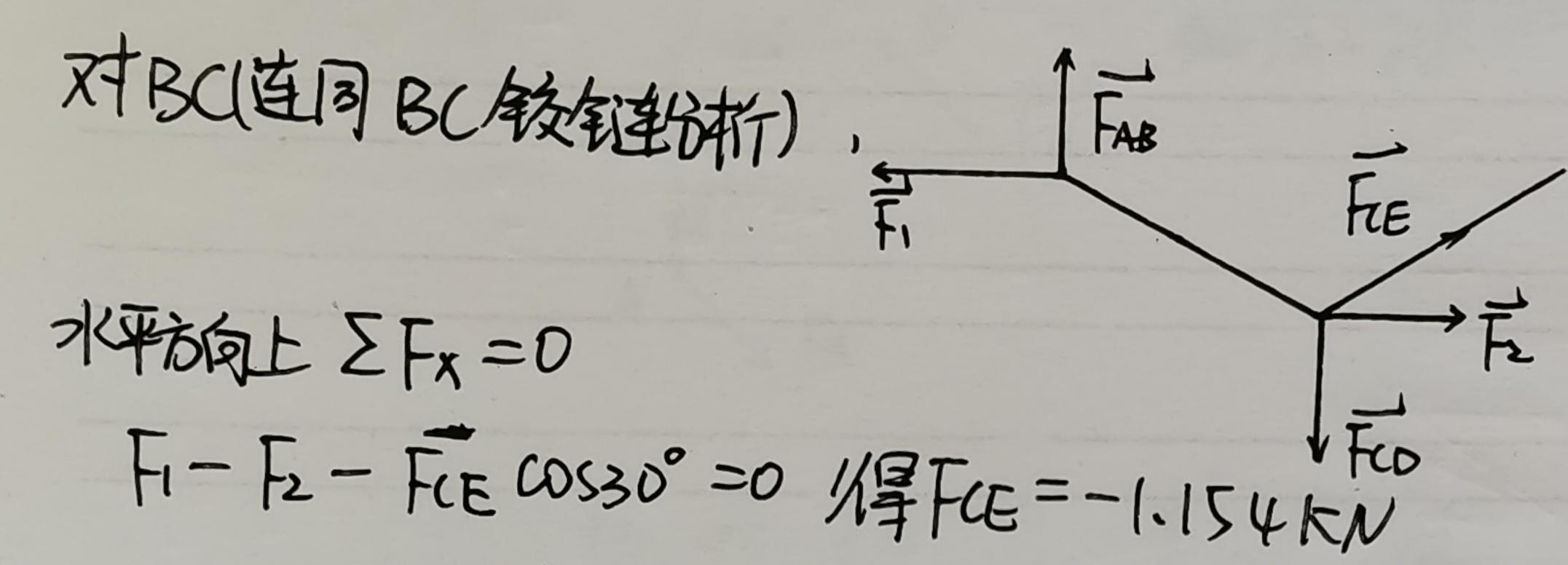
区一个解: 将 Fi. Fi. Fi. Fi. Fy = $\frac{60}{60^{\circ}+80^{\circ}}$ Fi. Fi. Fy = $\frac{80}{60^{\circ}+80^{\circ}}$ Fi. Fy = $\frac{80}{60^{\circ}+80^{\circ}}$ Fi. Fy = $\frac{80}{60^{\circ}+80^{\circ}}$ Fi. Fy = $\frac{161.245N}{5699}$ AC $\frac{1}{5}$ 为自与 $\frac{1}{5}$ AC $\frac{1}{5}$ 为自与 $\frac{1}{5}$ AC $\frac{1}{5}$ 为自与 $\frac{1}{5}$ AC $\frac{1}{5}$ 为自己 $\frac{1}{5}$ AC $\frac{1}{5}$ 为自己 \frac

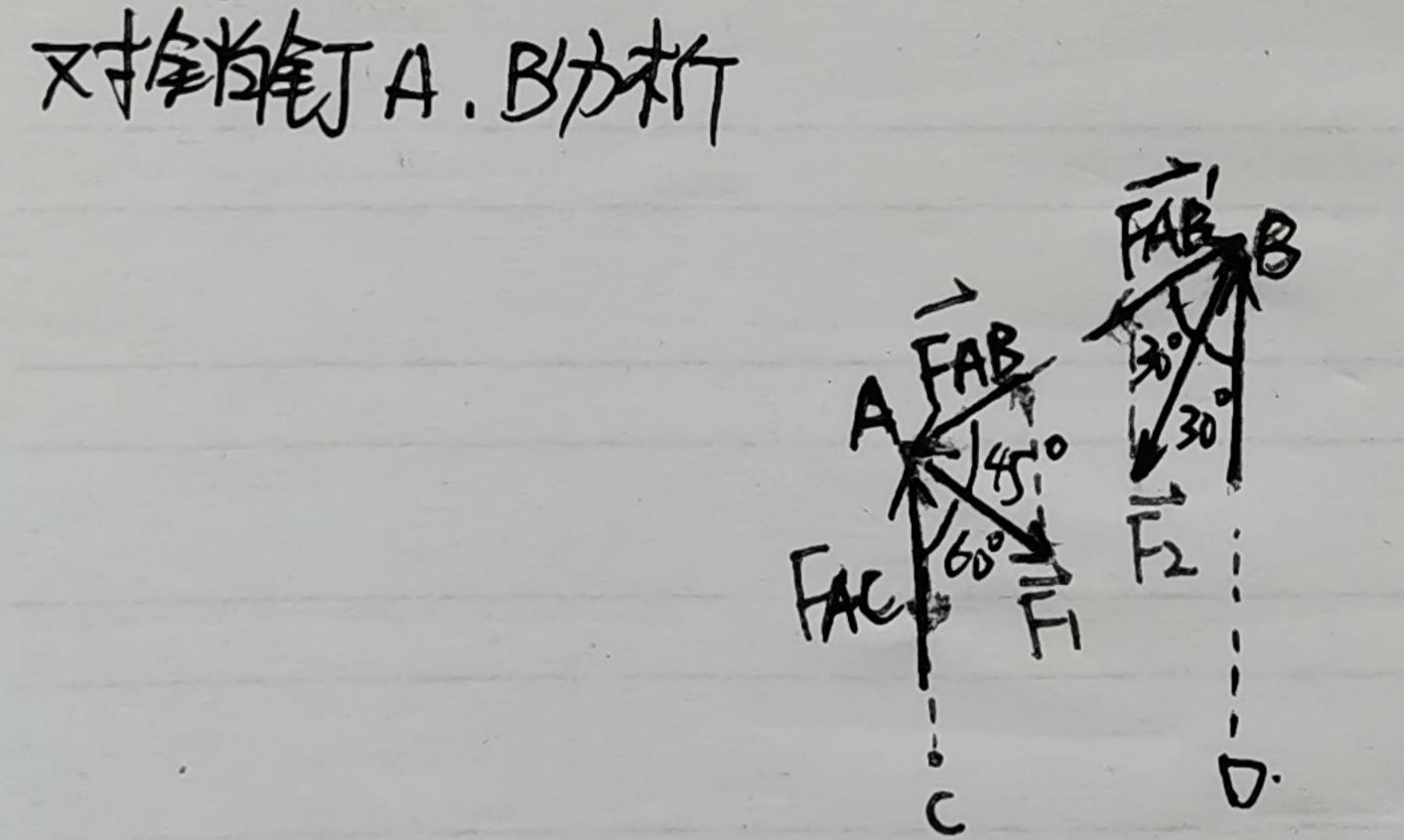


[2-2]解:对CE为析,CE为二为杆,故CE发发链C的为论CE方向,ABCD同为二种



故(E所发E的力大小岁1.154KN)的由E指向(;CE所发C力大小岁1.154KN,方向由 C指向E

巴了解:将销钉AB、与AC、AB、BD、联岛分析, AB、BD、AC为二加杆,各销钉对其加着B各自沿杆,则有对维钉力也给杆,



$$\frac{FAB}{Sin60^{\circ}} = \frac{F1}{Sin(180^{\circ}-60^{\circ}-45^{\circ})}$$

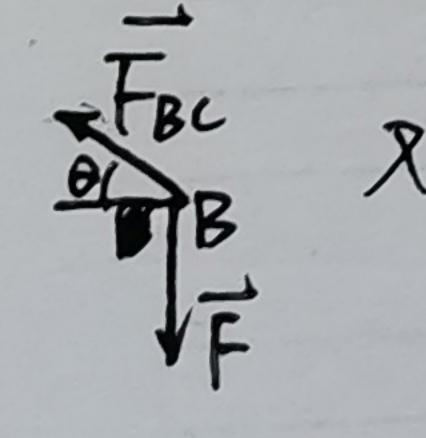
$$\frac{FAB}{Sin30^{\circ}} = \frac{F2}{Sin(180^{\circ}-30^{\circ}-30^{\circ})}$$

$$\frac{FAB}{Sin30^{\circ}} = \frac{F2}{Sin(180^{\circ}-30^{\circ}-30^{\circ})}$$

$$\frac{FAB}{FAB} = \frac{F1}{FAB} = \frac{F1}{FAB}$$

最终得下与压矫为 Fi= 56t/5 F2 即 Fi= 0.644 F2

区一生的解:以水平放轴、壁鱼外轴、壁鱼牛牛、东口(D)、CE为一个杆 对BHAT EFY=0 _ F-FBCSINO=0,得FBC=. Sino.



FEET FE

Σ Fx=0 [Fy=0 BP

FBC COSO - FCESINO - FCOSINO SO FCECOSO - FBCSINO - FCOSOSO = 0 FBC = FBC

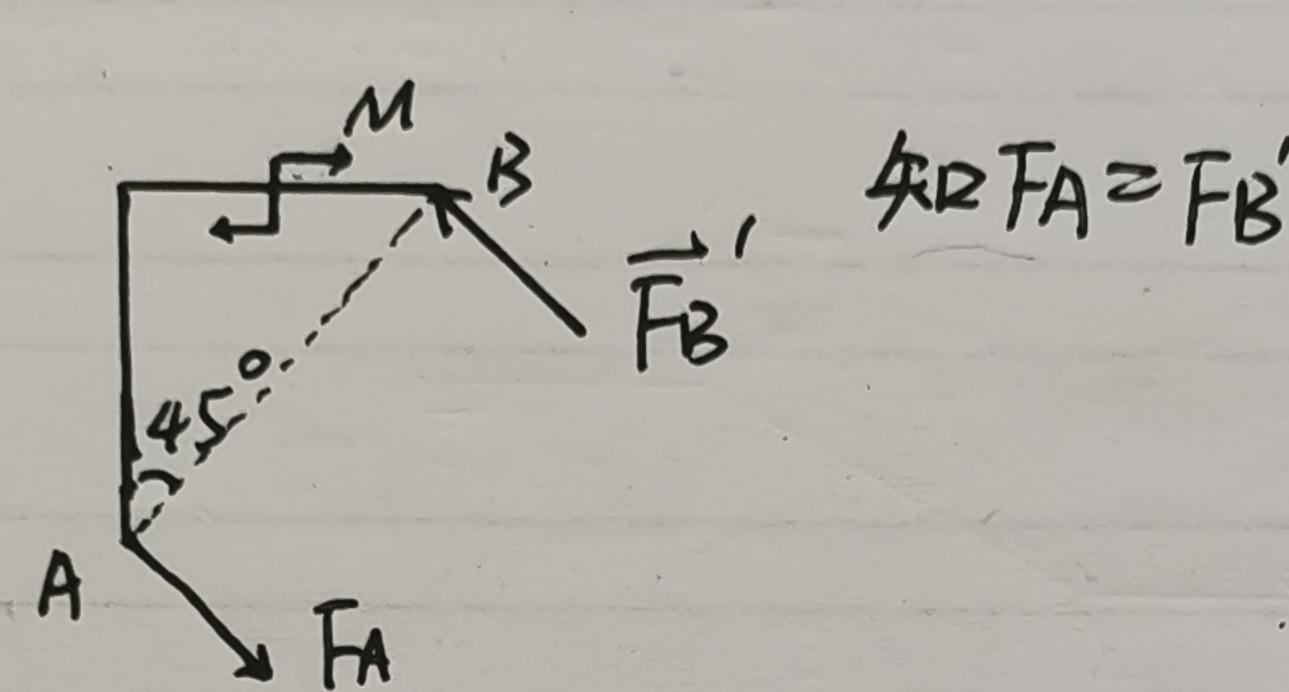
解得FCE= THY THY FOR THY FOR COSO = 0

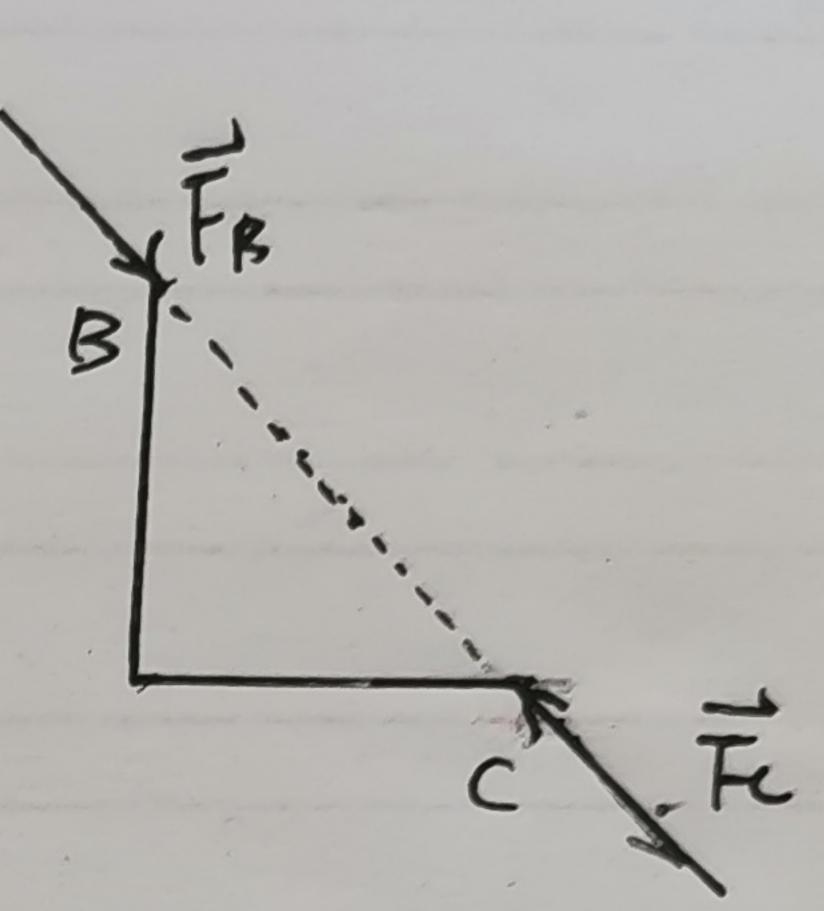
故下一至和双小件份到压紧力为至高

2-5 年。以0为原长、如图建立直输坐标系 见|A点坐标 (40,120) X= 40mmy=120mm MolF) = X FC0360° - y Fsin60° = (8000 - 2400013) • N.mm 即 F 对 0点的矩 33.568 N·m (20

2-6.解: 别为2种多为下的一下。一般地图

对 AB, 参加四图





M-FA·52·2a=0 将FA= 52M