



- (a) 케이블의 면변은 건리
- (b) DAHAOI WEE 742t.

$$\begin{array}{c|cccc}
T & E & \downarrow & \downarrow \\
B & D_X & 3cm & \uparrow \\
\hline
D_X & 3cm & \uparrow \\
\hline
T & D_X & 7 & \uparrow \\
\hline
P_{cm} & \uparrow \\
\hline
D_{am} & \downarrow \\
D_{am} & \downarrow \\$$

(a)
$$+)$$
 $IM_0 = 0$: $(90N)(9cm) - \frac{5}{13}T(9cm) - \frac{12}{13}T(9cm) + T(3cm) = 0$
 $T = 119N$

(b)
$$\pm \sqrt{15} = 0$$
: $D_{x} - 110N - \frac{5}{13}(110N) + 90 = 0$
 $D_{x} = 12N$

D=129.8N 56.3°