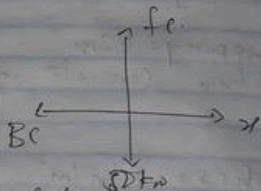


At point C  $\Rightarrow$



From previous calculated example,

BC is  $SDKW$

$$\therefore -BC + DC = 0 \quad (\text{Resolving to horizontal})$$

$$-SD + DE = 0$$

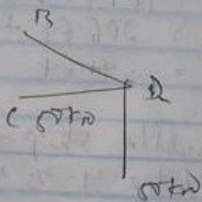
DE is  $SDKW$  (Tensional)

Resolving to vertical:

$$\Rightarrow -SDKW + f_c = 0$$

$$f_c = SDKW \text{ (Tensional)}$$

At point D



Resolving to horizontal:  $-SDKW - DE \cos 45 = 0$

$$SDKW = -DE \cos 45$$

$$DE = \frac{SD}{-\cos 45} = -70.7$$

DE is 70.7 (Compressional)

amber	$P_c$ (kN)	$l$ (m)	$a$ (m <sup>2</sup> )	$p_c$ (kN/m <sup>2</sup> )	$\eta$
F	-70.71	4.24	0.004	-17679.5	-0.491
B	SD	3	0.004	125000	0.333
C	SD	3	0.004	125000	0.666
F	SD	3	0.004	125000	0.333
E	SD	3	0.004	125000	0.333
E	0	4.24	0.004	0	-0.3471
C	SD	3	0.004	125000	0.333
D	-70.71	4.24	0.004	-17679.5	-0.491
D	SD	3	0.004	125000	0.666

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