





	 	
ΣF ₁ = 0		
$Ax - AF - AB \left(\frac{2}{\sqrt{2}} \right) = 0$		
An = (2515 × 2	\ (5	
2 120)	
An = 275 km		
Method of Sections	GB	c
		45°
ΣMA = 0 10(2) 15(6) + Gz(4) =	4m J20 4	4 520
$G_{n} = -110$	2	2
4	A F	E D
Gn = - 275 km	2 m 4 v	n 2 m
	P1 = 10 KN	
2Fx = 0		P2 = 15 kN
Ax - 27.5 = 0		
An = 27.5 kN (right)	+	++++
2Fy = 0		
Ay - 10 - 15 = 0 Ay = 25 kN (upwards)		
Hy 23 214 (44 64 64 65)		
2M8 = 0		
27.5 (u) - 25(2) + AF (u) = 0		27.5 G B
AF = -60		
ц ц		4m
AF = - 15 kN		
AF = 15 kn	(C)	27.5

										A		F
> MA = 0									25	21	M	
27·5(4) - BC	h(u) ~0											
	BG = 27.5	LN(T)										
> Fy = 0									\exists			
$25 + AB \left(\frac{2}{2}\right)$	= O								\exists			
$25 + AB \left(\frac{2}{\sqrt{20}}\right)$												
	-25 520								\exists			
	4								\exists			
	- 27.95 k	N(T)						\neg				
AB =		(5)										
					27.5	G	æ	5			C	
0 = fant (4) =	tan" (1)	= 45°										ī
4												
ΣM _F = 0						J20 /	4				<u> </u>	ws
	(2) - BC	(u) =	0		27 5	/ 2		4	5°			
	4				25	A		F			E	
		BC =		(T)		2	M		4	m		
							Pi	= 10 k	.N			
ΣM ₆ =0												
27.5 (4) - 25 (2) + CF (sin 40)	(u) = 0									
			cf = -6	012								
			Fc= - 15									
			= - 21		LN	(1)					
					LN							
2Fn = 0												
			٠١									

