$$2 - \widehat{AD} = (-500; 600; 360)$$

$$\omega s \propto = \frac{135000}{646000} = 0.209$$

$$|I| M_1 = \begin{vmatrix} i & j & k \\ 0 & 0 & 0 \\ 0 & 0 & -16 \end{vmatrix} = 0$$

$$(D) = (30i + 30j - 30K)
 (B) = (20i + 10j - 30K)$$

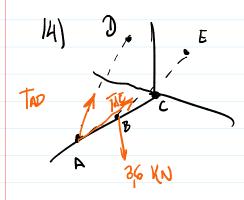
$$M_2 = \begin{vmatrix} i & j & K \\ 30 & 30 - 30 \end{vmatrix} = +630j +630K N \cdot m$$

$$M_{3} = \begin{vmatrix} i & j & k \\ 20 & 10 - 30 \end{vmatrix} = (-360 i - 240 k)$$

$$0 - 12 0 \qquad M_{2} = (-870 i + 630 j + 390 k)$$

$$M_{4} = \begin{vmatrix} i & j & k \\ 0 & 110 - 30 \end{vmatrix} = (610 i)$$

$$0 - 17 0 \qquad (610 i)$$



$$A = (0,0; 2,4)$$

$$B = (0,0; 1,2)$$

$$C = (0,0;0;0;)$$

$$D = (-0,8;0,6;0)$$

$$C = (0,8;1,2;0)$$

$$\frac{AD}{AE} = (-0.8; 0.6i - 2.4) \quad |AD| = 2.6 \quad TaD = |TaD| \cdot \lambda aD$$

$$\frac{AE}{AE} = (0.8; 1.2; -2.4) \quad |AE| = 28 \quad TaE = |TaE| \cdot \lambda aE$$

$$\frac{AD}{AE} = (0:0; -2.4) \quad |AC| = 2.4$$

$$\frac{AD}{AE} = (0:0; -2.4) \quad |AC| = 2.4$$

$$\frac{AE}{AE} = (0.308i + 0.231j - 0.923x)$$

$$\frac{AE}{AE} = (0.286i + 0.427j - 0.867x)$$

$$\frac{AE}{AE} = (0i + 0j - 12)$$

$$\frac{AE}{AE} = (0i + 0j - 12)$$

$$\frac{AE}{AE} = (0i + 0j - 12)$$