Solutions: 21-5-2,7-MK-01.pg

prits

$$A = (0, 0, 3)$$

$$B = (3, 4, 4)$$

$$C = (-6, -3, 6)$$

$$0 = (4, -3, 4)$$

vectos

$$AB = (3,4,1)$$
 $AC = (-6,-3,3)$ 
 $AD = (4,-3,1)$ 

$$\widetilde{u}_{AB} = \frac{3}{51} \cdot 7 + \frac{4}{51} \cdot 7 + 1 \cdot \hat{k} = \left(0.588\hat{c} + 0.784\hat{c} + 0.196\hat{k}\right)$$

$$\vec{x}_{AD} = \frac{40.75}{511} \cdot \frac{1}{511} \cdot$$