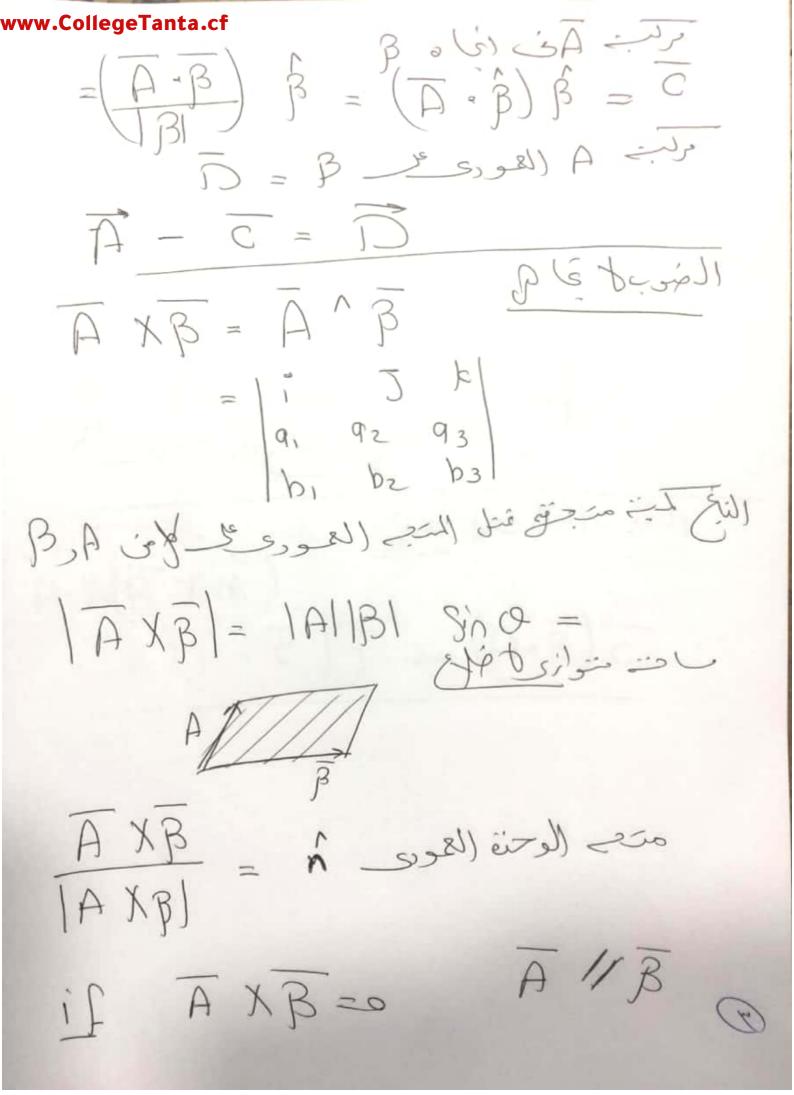
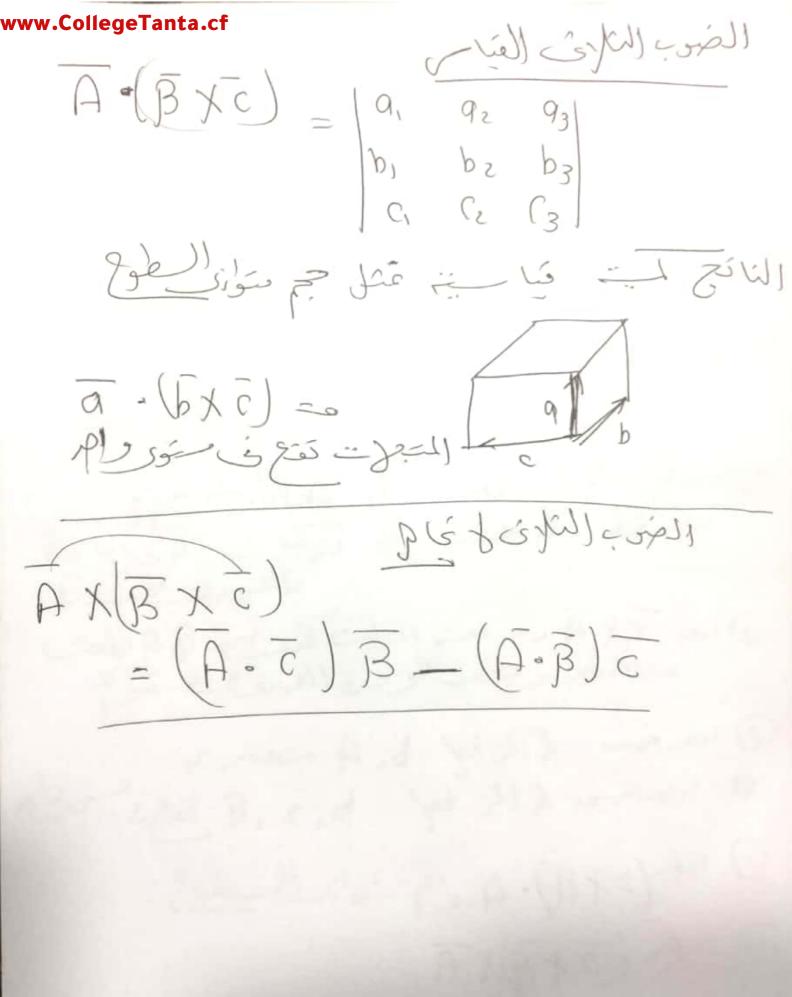
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www.CollegeTanta.cf - 22-11 a = 9, i + 9, J+ 93 k X, y, Z objose=1) = Ws a, 92,93 | a | = \ \ a_1^2 + 92 + 93 = == 11/1500 متجالوحق $a = \frac{a}{101}$ = Gsdi+CsBJ+Cssbk OS2 X+ CS3B+ CS3A =1 2 a = 7 a, i + 7 925+7 93k A + B = (a, + b) ; + 192+b2)5 + (93+b3) k

www.CollegeTanta.cf (1) الضوب العناس A. B = a, b, + 9, b2+93 b3 = 1A1 B Cos Q 证 说 三月美國1 ALB if AOB -0 الذاري سرالتجلي Cosa = A-B [AIIBI B JA de * = A.B 1B1 Luni B = A. B F = B-A work = For * The Boliso & (18612 = 4





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10192 A = 21+3 J-Sk B = 21 + J+2k C = 6i + 35 +2k d = ni + J + 4k @ ابعد [A] متعب المحنة الله والزار النزامين (8 2) a :: (0) Die E 1916, - 1916 BobisA www B _ se A de so ى العبر AXB رس مت المثلث الذر في AXB مراحات متعادريم ومت الوجنة (العودو عرب كواع) ع انعِرفیے لارائز یُول له. لم متعامر بم Alsé isés B, c, d jes il) à me le 0 Eséllis p. A. (Btc) es Q AX(BXC) PO) Q

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$$\sqrt{38}$$
 #

$$A = \frac{2i+3}{38} - 5k$$

$$CSS = \frac{2}{38} - 5S\beta = \frac{3}{38}$$

$$CSS = -\frac{5}{38}$$

$$2A + 3B = 4i+65-10k+[6i+3]+6b$$

$$= |0i+9|-4k|$$

$$A \cdot B = 4 + 3 - 10 = -3$$

$$A \cdot B = 6SS = \frac{3}{38} - \frac{3}{38}$$

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$$A \cdot B = \frac{3}{3$$

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$$C = -\frac{2}{3}i - \frac{7}{3} - \frac{2}{3}k$$
 $A = \frac{2}{3}i - \frac{7}{3} - \frac{2}{3}k$
 $A = \frac{2}{3}i - \frac{1}{3}i - \frac{1}{3}i$

www.CollegeTanta.cf A · d = 0 = 2 / + 3 - 20 20 2 N=17 N=8-5 # resserizés c,d, 3 mele 2 [10] - [24-2]] +2 (6-3) -4+2/+12-6/20 -4 / +8 20 ()=2) $A - (B + C) = \begin{vmatrix} 2 & 3 & -5 \\ 2 & 1 & 2 \\ 6 & 3 & 2 \end{vmatrix}$ 2(-4) - 3(-8) - 5(0)-8 + 24 = 1616 od Sole 11 11/2 12

www.CollegeTanta.cf $A \times B \times C = A - C B - A - B C$ $= (12 + 9 - 10) \beta - (4 + 3 - 10) c$ 11 B + 3 C = 22i+11 J+22k+18i+9 J+6k = 401+205+2810 13(1,314), A(210,-1) = 6151 c(-3, 2, 5) و الم عقالي فعل رز م مثلث الم الم ب من و المدد منج الوحنة العودي على a (210,-1) A lead if it is to be a b(1,3,4) C e(-3,2,5) 1 - 3 J-SK C = -41 - J + K

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