Problema 3.7

Se dan vectorii a (2,-3,1), b (-3,1,2) zi c (1,2,3). Sa se calculete (a x b) x c 31 ax (bx e).

Daca avem 2 = a, 1 + a2 + a3 K 31 b= b, 1 + + b2 + b3 k, atumeis

$$\vec{a} \times \vec{b} = |\vec{a}| \vec{f} |\vec{k}| = (a_2b_3 - a_3b_2)\vec{r} + (a_3b_1 - a_1b_3)\vec{f} + (a_1b_2 - a_2b_1)\vec{k}$$

$$|\vec{b}_1| \vec{b}_2 \vec{b}_3| + (a_1b_2 - a_2b_1)\vec{k}$$

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== 27-37+ R

$$\vec{a} \times (\vec{b} \times \vec{c}) = |\vec{a} \times (\vec{b} \times \vec{c})| = |\vec{a} \times (\vec{b} \times \vec{c})$$