

Question

Which of the following correctly gives the direction of a vector product $c = a \times b$?

- a) If the right thumb points in the direction of a and the other fingers point in the direction of b , then the palm pushes in the opposite direction of c
- b) If the right is held such that the curled fingers follow the rotation of a into b , then the extended right thumb points in the direction of c
- c) If the left thumb points in the direction of a and the other fingers point in the direction of b , then the palm pushes in direction of $-c$
- d) The direction of retreat of the right-handed screw when turned from a to b through the smaller angle?

Answer

- c) If the left thumb points in the direction of a and the other fingers point in the direction of b , then the palm pushes in direction of $-c$**

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