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PHYSICS

BOOKS - PRINCETON PHYSICS (ENGLISH)

MATH REVIEW

Solved Example

1. Add the following two vectors.

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2. Sketch the scalar multiples $2A, \frac{1}{2}A, -A$ and $-3A$ of the vector A.

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3. For the two vectors A and B, find the vector A- B.

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4. If the components of A are $A_x = 2$ and $A_y = 3$, and the components of B are $B_x = -4$ and $B_y = 2$, compute the components of each of the following vectors.

(i) A+B

(ii) A- B

(iii) 2A

(iv) A+ 3B

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