Theoretical Mechanics, Quiz 3: PLANE1
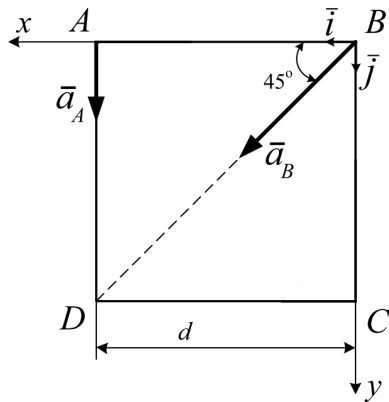
Plane motion: simple mechanism

Quiz 3

The square *ABCD* ($d = 2$ — side length) performs a planar motion. $a_A = 2$, $a_B = 4\sqrt{2}$. The acceleration directions are also known.

It is needed to find $\bar{a}_C$.

Quiz 3, Task 1

Solution (full in subfolder)

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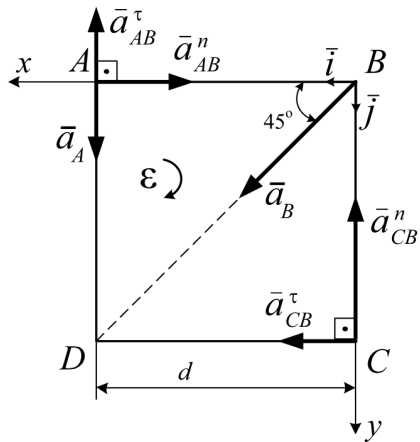
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Quiz 3, Task 1