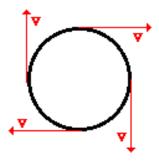
Answer on Question 57316, Physics, Mechanics | Relativity

Question:

When objects moving in a circle the velocity vector is pointed in what direction on motion?

Answer:

The direction of the velocity vector at any instant is in the direction of a tangent line drawn to the circle at the object's location. As the object turns the circle, the tangent line is always pointing in a new direction, as shown in the picture below:



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