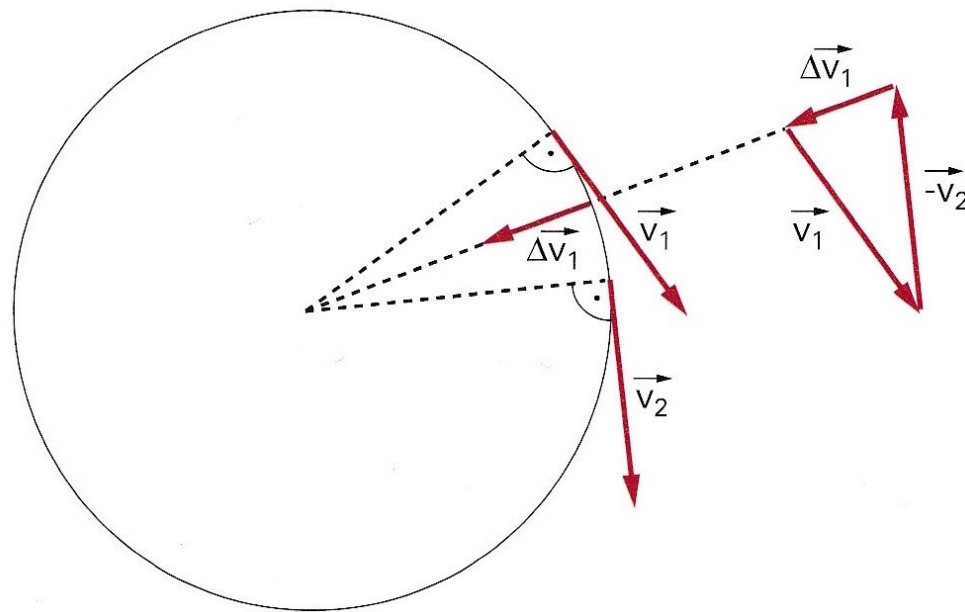


CENTRIPETAL ACCELERATION

As an object moves along a circular path, the *magnitude* of the velocity vector does not change. However, the *direction* of the velocity vector changes.

This kind of acceleration is called centripetal acceleration. The centripetal acceleration is directed towards the center of the circle.



picture: Physik 1, Urs Mürset and Thomas Dumm, Compendio