

Re: Circular motion in SR

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- *From:* Eric Gisse <jowr.pi@xxxxxxxxxx>
 - *Date:* Sat, 15 Mar 2008 21:55:30 -0700 (PDT)
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On Mar 15, 7:29 pm, rbwinn <rbwi...@xxxxxxxxxx> wrote:

On Mar 14, 9:38 pm, Eric Gisse <jowr...@xxxxxxxxxx> wrote:

On Mar 14, 7:03 pm, rbwinn <rbwi...@xxxxxxxxxx> wrote:

On Mar 14, 5:29pm, mL <mL.bey...@xxxxxxxxxxxxxxxxxx>
wrote:

ram.rac...@xxxxxxxxxx wrote:

I'm trying to write the equations for circular motion according to SR laws of motion. I'm doing some kind of mistakes, because I'm not getting real solutions to the equations.

This is what's going on: You have an body of mass m_0 circling around a stationary center point that is a distance of r from the body. There is a force F that attracts the body towards the center point, making it move in a circle around it.

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What's the velocity v of the object?

OK, you have a central forc