

Re: SR's velocity addition -- ANY Experimental Evidence?

Source: <http://sci.tech-archive.net/Archive/sci.physics/2004-07/9574.html>

From: Richard Tobin (richard_at_cogsci.ed.ac.uk)

Date: 07/29/04

Date: 29 Jul 2004 22:19:17 GMT

In article <41097654.48E53BE1@mchsi.com>, Sam Wormley <swormley1@mchsi.com> wrote:

> *186,000 miles/second + 186,000 miles/second = 186282.024 miles/second*

I don't think that's a good way to put it. 186,000 miles/second + 186,000 miles/second = 372,000 miles/second. It's just that addition is not the right way to determine relative speeds of physical objects.

If you point two lasers at the moon and move them so that the spots move 186,000 miles/second in opposite directions, the distance between them changes at 372,000 miles/second.

-- Richard