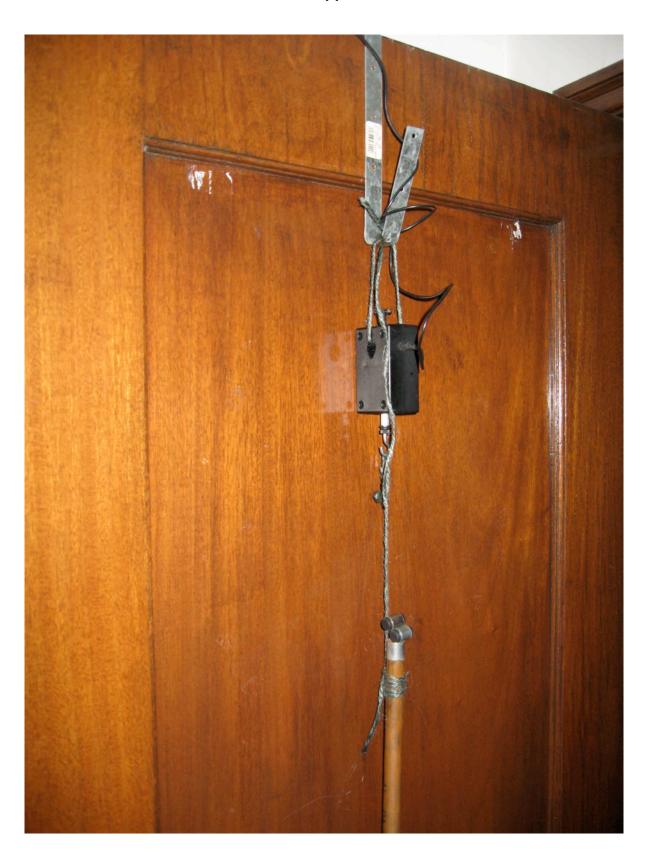
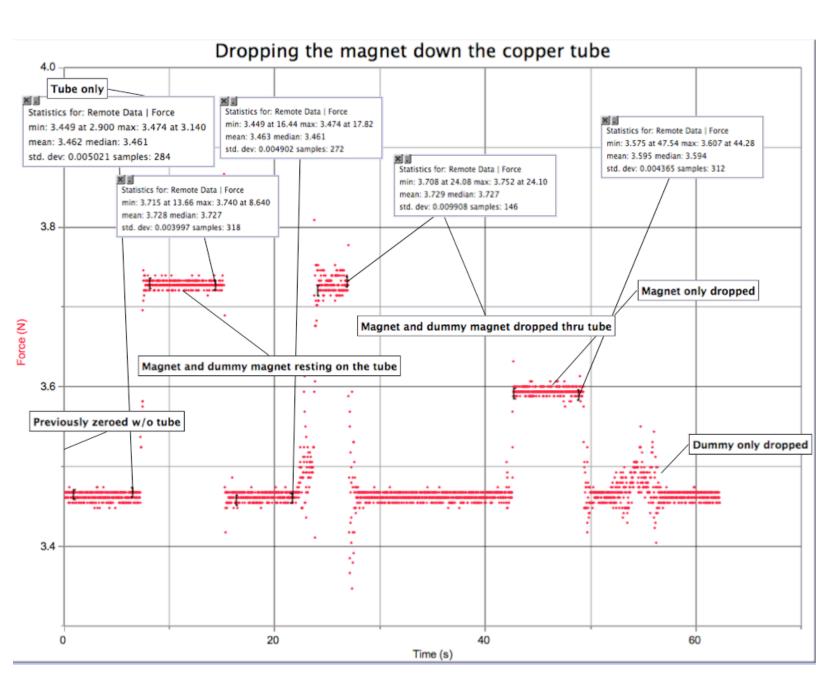
DOOR PHYSICS: Will the tube become heavier?

The following is the record of my quickly done experiment suggested by C. Bakken's post on TAP-L. He reported that while a magnet was falling down a copper tube he felt the magnet's weight until it exited the tube.

The apparatus



The Graphed Data



Yes! Note the data scatter and slightly greater weight as the dummy falls.

e-letter to David Vernier (I used vernier equipment.)

From: Bernard Cleyet < bernardcleyet@redshift.com > Subject: Re: Drop the magnet down the copper tube

Date: 2009, November 16, 14:05:09 PSTTo: David Vernier dvernier@vernier.com

Cc: Clarence Bakken < cbakken2001@yahoo.com >, Nancy Seese

<nancyseese@redshift.com>

Bcc: Bryan Mumford < bryan@bmumford.com >

Thanks!

Please ensure credit to Clarence that I got the idea (He felt the increased weight while holding the tube) from him.

bc

On 2009, Nov 16, , at 13:52, David Vernier wrote: Hello Bernard,

This is pretty good. If you don't mind, I will send it to the guys who do our newsletter and maybe they will use it.

Dave Vernier

On Tue, Nov 10, 2009 at 4:44 PM, Bernard Cleyet < bernardcleyet@redshift.com > wrote:

Will the tube become heavier?

[logger Pro file deleted]

bc was a coffee table physicist, now a door physicist.

p.s. Idea from Clarence Bakken (posted on tap-I)

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