

**Subject:** [Fwd: Posted Chapter 5 Solutions for Phy 6A.]  
**From:** mromo@physics.ucsb.edu  
**Date:** 2/7/12 11:07 AM  
**To:** claudio@physics.ucsb.edu

Dear Professor Campagnary,

This is the e-mail I received from Professor Bonderson. I think the correction should say:

The velocity is given by  $v=v_0 + a*t$ , so, its direction depends on  $v_0$  which is not specified in the problem.

Regards

----- Original Message -----  
Subject: Posted Chapter 5 Solutions for Phy 6A.  
From: "Loren S Bonderson" <[Loren.Bonderson@sa.ucsb.edu](mailto:Loren.Bonderson@sa.ucsb.edu)>  
Date: Mon, February 6, 2012 6:18 pm  
To: "'mromo@physics.ucsb.edu'" <[mromo@physics.ucsb.edu](mailto:mromo@physics.ucsb.edu)>

Mauricio,

You need to revisit your solution for Problem 40 part c. You can not say that the velocity is upward. There is nothing said in the problem about the initial velocity. There is a positive upward acceleration which can exist with either positive or negative velocity. You feel a larger apparent weight when initially accelerating from ground floor toward a higher floor as well as at the end when coming down and decelerating to zero velocity at the ground floor.

You need to revise and repost your solution.

Dr. Bonderson

-----Attachments:-----

untitled-[2]

1.2 KB