

July 19, 2010
Discover Magazine
Mr. Corey S. Powell, Sr. Editor:

Re: Deep Impact Pg 80
Discover Extreme Universe
Winter 2010

Dear Mr. Powell:

Deep Impact, as suggested by your article, is subject to several discrepancies! May I suggest, that the “bad” is ... NOT... bad at all!

NOTE: *The impact of any Asteroid, on any body, is subject to the mass and the velocity, of the Asteroid, upon it!*

1) In the vacuum of space, any orbiting body/satellite, subject to a force powerful enough to split it, would cause those pieces to continue to separate/spread apart, FOREVER, until acted upon by some other force/object! In effect, this action would amount to changing the orbit of BOTH pieces, so NEITHER part, COULD EVER, impact the earth

2) If the Asteroid is too large to be split in two, then in that case, any Atomic explosion, on the Asteroid, (directly opposite the Earth), would put pressure on it, to move OPPOSITE the direction of the side of the explosion, effectively changing the speed of the Asteroid! This would also put pressure on the Asteroid to change its orbit, thus avoiding impact with the Earth.

If that action did NOT change the orbit of the Asteroid, such as to cause it to miss impact on earth, then in that case, and other possible scenarios, see the following link:

<http://www.cifaldi.org/files/Asteroid%20Deflection%20Possibility%20April%2023,%202009.pdf>

Yours truly,
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