

# Re: Two questions

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- *From:* "N:dlzc D:aol T:com \(\dlzc\)" <N: dlzc1 D:cox T:[net@xxxxxxxxxx](mailto:net@xxxxxxxxxx)>
  - *Date:* Sat, 7 May 2005 10:04:21 -0700
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Dear Zdenek Jizba:

"Zdenek Jizba" <[jizba@xxxxxxxxxx](mailto:jizba@xxxxxxxxxx)> wrote in message  
[news:wz4fe.740\\$w81.359@xxxxxxxxxx](mailto:news:wz4fe.740$w81.359@xxxxxxxxxx)

- > These questions are strictly hypothetical.
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- > Question 1.
- > If the earth expanded at the same rate as the
- > universe, how much would the radius increase in 1
- > million years?

Excellent response by Bjoern Feuerbacher.

- > Question 2.
- > Were all planets at the same distance from the
- > sun 100 million years ago as they are today?

The only thing I can add is that the Moon has left a pretty continuous record in "tidal rhythmites" over the last 2 billion years. Not that the lunar recession is entirely (or at all) due to universal expansion. In lunar recession, angular momentum transfer from the spinning Earth to the Earth-Moon system is the major player. No such mechanism in Universal expansion, unless Dark Energy is the player.

David A. Smith

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- *Follow-Ups:*
    - ◆ *Re: Two questions*  
◇ *From:* Volker Hetzer
  - *References:*
    - ◆ *Two questions*  
◇ *From:* Zdenek Jizba

Re: Two questions

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