

Re: Rational numbers, irrational numbers: each dense in real numbers

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- *From:* Virgil <virgil@xxxxxxxxxxxx>
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In article <1190143281.701445.175280@xx>, "Ross A. Finlayson" <raf@xxxxxxxxxxxxxxxx> wrote:

In ZFC, with standard definitions of the real, rational, and irrational numbers, let p_i be an irrational number between zero and one for i from a suitably large well-ordered index set X .

I very much doubt that Ross can exhibit such an X explicitly.

With the well-ordering of the index set, let the i 'th element $p_{\{i+1\}}$

How is it that the i th element is not p_i ??

[Remaining nonsense snipped]

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