

Re: automorphisms of subspaces of the reals

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- From: "Butch Malahide" <fred.galvin@xxxxxxxxxx>
 - Date: 21 Jul 2005 13:10:43 -0700
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Butch Malahide wrote:

>

> Actually, assuming the axiom of choice, there is a dense subset U of
> the real line such that the only continuous mapping $f:U \rightarrow U$ is the
> identity.

Nonsense! For one thing, there are the *constant* functions $f:U \rightarrow U$.
Maybe I meant to say that the only continuous *injection* from U into U
is the identity. Let me think this over.

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- *Follow-Ups:*
 - ◆ ***Re: automorphisms of subspaces of the reals***
◇ From: David C . Ullrich
 - ◆ ***Re: automorphisms of subspaces of the reals***
◇ From: Butch Malahide
- *References:*
 - ◆ ***automorphisms of subspaces of the reals***
◇ From: quasi
 - ◆ ***Re: automorphisms of subspaces of the reals***
◇ From: matthias
 - ◆ ***Re: automorphisms of subspaces of the reals***
◇ From: Butch Malahide
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