

Re: tensor product twister

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- *From:* "magya_bloom@xxxxxxxx" <magya_bloom@xxxxxxxx>
 - *Date:* 23 Nov 2006 09:49:34 -0800
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magya_bloom@xxxxxxxx wrote:

Jannick Asmus wrote:

On 23.11.2006 14:59, magya_bloom@xxxxxxxx wrote:

not sure what "inverse image of the natural ring homomorphism" means in this context.

Sorry for being not very clear. I meant "preimage": If $f: G \rightarrow H$ is a map of sets, then the preimage of a subset H' of H is $f^{-1}(H') = \{ g \text{ in } G \mid f(g) \text{ in } H' \}$.

I understood that part. I just don't know what that subset H' is. When you say preimage of a natural homomorphism, which sub-algebra of $A*B$ are we pulling back?

of course we are pulling back M . Sorry about my stupid question. But why do we need nullstellensatz to conclude that m_1 is maximal?

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