

Re: Create subspace from Basis : Maple

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- *From:* "Julian V. Noble" <jvn@xxxxxxxxxxxxxx>
 - *Date:* Thu, 25 May 2006 14:12:37 -0400
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matrix wrote:

Hi,
I have the Basis vectors of a subspace. How can I form the whole subspace (all possible linear combinations) from these basis vectors in Maple ?

I use symbolic computations mod 2.

Regards, Narayanan Iyer

How can you possibly find all linear combinations in ANY program?
There is an uncountable infinity of them! Having the basis is the same as having the subspace. The most you might do is orthogonalize them, to be sure they are all linearly independent.

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