Subject: Re: Matrix rank
Posted by d.poreh on Fri, 14 Dec 2007 15:41:01 GMT

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On Dec 14, 3:35 pm, Vince Hradil <hrad...@yahoo.com> wrote:
> On Dec 14, 8:16 am, Wox <nom...@hotmail.com> wrote:
>
>> Hi IDLers,
>
>> Is there a routine available which calculates the rank of an (integer)
>> matrix? Couldn't find it in the help and I would be surprised if it's
>> not there. It's for knowing whether sets of linear equations have no
>> solution, 1 solution or an infinite number of solutions.
>
>> Thanks.
>
> IDL can do SVD, can you get the rank from that? Look up SVDC in the
> docs.

Hi
I had seen SVDC. But i did not understand which parameter belong to
rank of a matrix. Could you please specify with an example?
Thanks for any help in advance
Cheers