
Subject: Re: How to test for a vector/matrix of constants?

Posted by [Allan Whiteford](#) on Wed, 06 Dec 2006 18:40:38 GMT

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Mirko,

if (where(vector ne vector[0]))[0] eq -1 then print,'all same'

Thanks,

Allan

Mirko wrote:

- > How can I quickly check if a vector/matrix is full of constants (all
 - > elements equal)?
 - > For example if a vector contained:
 - > [2.38,2.38,2.38,...,2.38]
 - > I want it flagged as a "constant" vector.
 - >
 - > I can think of finding differences between successive elements, and
 - > check for non-zero elements.
 - >
 - > Any faster options?
 - >
 - > Thanks,
 - >
 - > Mirko
 - >
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