
Subject: Re: Finding all max/min of a graph

Posted by [John-David T. Smith](#) on Tue, 12 Sep 2000 00:25:49 GMT

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wmc@bas.ac.uk wrote:

>
> This may or may not be a FAQ but my rather feeble search failed to
> find it...
>
> I have a graph with about 10 (local) max/mins, I'd like to find them
> all, objectively. What do I do?
>

We had a lengthy debate concerning just this topic a few months ago. The topic was expanded to include n point extrema, but for the simple case of a point either less than or greater than both of it's nearest neighbors, you could try:

wh=where(d ne median(d,3))

JD

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