
Subject: Re: SVDC procedure

Posted by [Craig Markwardt](#) on Tue, 15 Apr 2014 18:47:55 GMT

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On Monday, April 14, 2014 5:54:00 AM UTC-4, g.na...@gmail.com wrote:

> Does SVDC procedure works for under determined systems? I tried to solve my system but I ended up with negative value and it supposed to be all positive.

>

> Here are my matrices:

>

> A= [[21, 10, 6], [1,1,1]]

>

> b= [[570], [8070]]

Which value was negative? When I run
SVDC, A, w, u, v

then I get,

W = 24.0702 0.790450 -0.00000

None of those values is "negative." (-0 is still equal to zero) For an under-determined system one should expect some zero singular values.

Craig
