
Subject: Problem with SVDFIT?

Posted by [siri](#) on Tue, 13 Jun 1995 07:00:00 GMT

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I have encountered a strange behavior of SVDFIT... I tried to do an LLS fit of a polynomial of degree 1 (straight line) to a bunch of data points (x values approx. $1E-9$, $y=c/x$ within $[0,120]$). The resulting fit seems to have the correct slope, but the offset is completely wrong (way too small).

POLY_FIT seems to work OK, and SVDFIT works fine, if the data are scaled to larger values. Do I have a precision problem? Can I fix it? Any ideas anybody?

And yes, I know that a straight line will not characterize my data too well, but SVDFIT should work correctly despite that fact... :(

Thanks,

Siri

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