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Subject: Re: Analysis macro - trunk rev21003  
Posted by [Lu Cao](#) on Tue, 20 Aug 2013 11:55:03 GMT  
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Hi,

It happened in my case before, when some diagonal matrix elements had too small value, e.g.  $2.2204e-16$ . They make the whole matrix close to be "singular"; then it can not be properly diagonalized to solve the eigen problem of  $\chi^2$  and fails to get a better fitted parameter in the current iteration.

If there are too many these messages, the resolutions are always far away from the expectation in my analysis due to poor kinematics.

Best regards,  
Lu

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