
Subject: Re: MATRIX LOGARITHM (and EXPONENTIAL)

Posted by [James\[2\]](#) on Fri, 28 Jan 2011 00:11:53 GMT

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On Jan 27, 4:10 pm, James <donje...@gmail.com> wrote:

>

> If the matrix A is diagonalizable, then:

>

> eigenvals = LA_EIGENPROBLEM(A, EIGENVECTORS=evecs)

> expA = evecs # diag_matrix(exp(eigenvals)) # invert(evecs)

> logA = evecs # diag_matrix(alog(eigenvals)) # invert(evecs)

sorry, replace INVERT with LA_INVERT to account for complex
eigenvectors.
