kexpmv: Matrix Exponential using Krylov Subspace Routines

Implements functions from 'EXPOKIT' (https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials, Sidje RB, (1998) https://www.maths.uq.edu.au/expokit/) to calculate matrix exponentials in isolation along with the product of the matrix exponential and a vector.

Version: 0.0.3

Depends: methods, $\underline{SparseM}$, R ($\geq 3.0.2$)

LinkingTo: $\frac{\text{Rcpp}}{\text{Published:}}$ ($\geq 0.11.0$)
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License: $\underline{GPL-2} \mid \underline{GPL-3}$ [expanded from: $GPL (\geq 2)$]

Copyright: See kexpmv/inst/notes/LAPACK_LICENSE.txt for src/lapack.f.

NeedsCompilation: yes

Materials: README NEWS
CRAN checks: kexpmv results

Downloads:

Reference manual: kexpmv.pdf

Package source: <u>kexpmv 0.0.3.tar.gz</u>

Windows binaries: r-devel: <u>kexpmv 0.0.3.zip</u>, r-release: <u>kexpmv 0.0.3.zip</u>, r-oldrel: <u>kexpmv 0.0.3.zip</u>

OS X binaries: r-release: <u>kexpmv 0.0.3.tgz</u>, r-oldrel: <u>kexpmv 0.0.3.tgz</u>

Old sources: <u>kexpmv archive</u>

Linking:

Please use the canonical form https://cran.r-project.org/package=kexpmv to link to this page.