

Seznam nejvíce citovaných prací

Poljak, S. - Rohn, Jiří

Checking Robust Nonsingularity is NP-Hard.

Mathematics of Control Signals and Systems. Roč. 6, č. 1 (1993), s. 1-9. ISSN 0932-4194

[DOI: 10.1007/BF01213466](https://doi.org/10.1007/BF01213466)

Citováno: 91 x ve WOS

Rohn, Jiří

Systems of Linear Interval Equations.

Linear Algebra and Its Applications. Roč. 126, - (1989), s. 39-78. ISSN 0024-3795

[DOI: 10.1016/0024-3795\(89\)90004-9](https://doi.org/10.1016/0024-3795(89)90004-9)

Citováno: 87 x ve WOS

Fiedler, Miroslav - Nedoma, Josef - Ramík, J. - Rohn, Jiří - Zimmermann, K.

Linear Optimization Problems with Inexact Data.

New York : Springer, 2006. 214 s. ISBN 987-0-387-32697-9

<http://www.springer.com/mathematics/book/978-0-387-32697-9>

Citováno: 45 x ve WOS

Rohn, Jiří

Positive definiteness and stability of interval matrices.

SIAM Journal on Matrix Analysis and Applications. Roč. 15, č. 1 (1994), s. 175-184. ISSN 0895-4798

[DOI: 10.1137/S0895479891219216](https://doi.org/10.1137/S0895479891219216)

Citováno: 41 x ve WOS

Kreinovich, V. - Lakeyev, A. - Rohn, Jiří - Kahl, P.

Computational Complexity and Feasibility of Data Processing and Interval Computations.

Dordrecht : Kluwer Academic Publ., 1998. 459 s. - (Applied Optimization, 10). ISBN 0-7923-4865-6

Citováno: 34 x ve WOS

Rohn, Jiří

New Condition Numbers for Matrices and Linear Systems.

Computing. Roč. 41, č. 1-2 (1989), s. 167-169. ISSN 0010-485X

[DOI: 10.1007/BF02238741](https://doi.org/10.1007/BF02238741)

Citováno: 23 x ve WOS

Rohn, Jiří - Kreinovich, V.

Computing Exact Componentwise Bounds on Solutions of Linear Systems with Interval Data is NP-Hard.

SIAM Journal on Matrix Analysis and Applications. Roč. 16, - (1995), s. 415-420. ISSN 0895-4798

[DOI: 10.1137/S0895479893251198](https://doi.org/10.1137/S0895479893251198)

Citováno: 21 x ve WOS

Rohn, Jiří

An Algorithm for Checking Stability of Symmetric Interval Matrices.

IEEE Transactions on Automatic Control. Roč. 41, č. 1 (1996), s. 133-136. ISSN 0018-9286

[DOI: 10.1109/9.481618](https://doi.org/10.1109/9.481618)

Citováno: 19 x ve WOS

Rohn, Jiří

A Theorem of the Alternatives for the Equation $Ax + B|x| = b$.

Linear & Multilinear Algebra. Roč. 52, č. 6 (2004), s. 421-426. ISSN 0308-1087

[DOI: 10.1080/0308108042000220686](https://doi.org/10.1080/0308108042000220686)

Citováno: 15 x ve WOS

Rex, G. - Rohn, Jiří

Sufficient Conditions for Regularity and Singularity of Interval Matrices.

SIAM Journal on Matrix Analysis and Applications. Roč. 20, č. 2 (1998), s. 437-445. ISSN 0895-4798

[DOI: 10.1137/S0895479896310743](https://doi.org/10.1137/S0895479896310743)

Citováno: 14 x ve WOS

Jansson, C. - Rohn, Jiří

An Algorithm for Checking Regularity of Interval Matrices.

SIAM Journal on Matrix Analysis and Applications. Roč. 20, č. 3 (1999), s. 756-776. ISSN 0895-4798

[DOI: 10.1137/S0895479896313978](https://doi.org/10.1137/S0895479896313978)

Citováno: 13 x ve WOS

Rohn, Jiří

Eigenvalues of a Symmetric Interval Matrix.

Freiburg : Albert-Ludwigs-Universitaet, 1987, s. 67-72. - (Freiburger Interval Berichte, 87/10)

Citováno: 13 x ve WOS

Rohn, Jiří

Checking positive definiteness or stability of symmetric interval matrices is NP-hard.

Commentationes Mathematicae Universitatis Carolinae. Roč. 35, č. 4 (1994), s. 795-797. ISSN 0010-2628

<http://dml.cz/handle/10338.dmlcz/118721>

Citováno: 12 x ve WOS

Rohn, Jiří

Inverse Interval Matrix.

SIAM Journal on Numerical Analysis. Roč. 30, č. 3 (1993), s. 864-870. ISSN 0036-1429

[DOI: 10.1137/0730044](https://doi.org/10.1137/0730044)

Citováno: 12 x ve WOS

Rohn, Jiří

Inner Solutions of Linear Interval Systems.

Interval Mathematics 1985. Berlin : SpringerVerlag, 1986 - (Nickel, K.) s. 157-158. ISBN 3-540-16437-5.

(Lecture Notes in Computer Science. 212).

[Interval Mathematics 1985. Freiburg (DD), 23.09.1985-26.09.1985]

[DOI: 10.1007/3-540-16437-5_15](https://doi.org/10.1007/3-540-16437-5_15)

Citováno: 11 x ve WOS

Rohn, Jiří

Cheap and tight bounds: the recent result by E. Hansen can be made more efficient.

Interval Computations. Č. 4 (1993), s. 13-21. ISSN 0135-4868

Citováno: 11 x ve WOS

Rohn, Jiří

Bounds on Eigenvalues of Interval Matrices.

ZAMM-Zeitschrift für Angewandte Mathematik und Mechanik. Roč. 78, Supplement 3 (1998), s. S1049-S1050. ISSN 0044-2267


 [DOI: 10.1002/zamm.19980781593](https://doi.org/10.1002/zamm.19980781593)

Citováno: 10 x ve WOS

Rohn, Jiří

Stability of interval matrices - the real eigenvalue case.

IEEE Transactions on Automatic Control. Roč. 37 (1992), s. 1604-1605. ISSN 0018-9286

 [DOI: 10.1109/9.256393](https://doi.org/10.1109/9.256393)

Citováno: 10 x ve WOS