

Ricardo L Soto

List of Publications by Year in descending order

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50
papers

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all docs

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docs citations

50
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectra inhabiting the left half-plane that are universally realizable. <i>Special Matrices</i> , 2022, 10, 180-192.	0.2	0
2	On spectra realizable and diagonalizably realizable. <i>Linear Algebra and Its Applications</i> , 2021, 612, 273-288.	0.4	2
3	Permutative universal realizability. <i>Special Matrices</i> , 2021, 9, 66-77.	0.2	1
4	Universal realizability in low dimension. <i>Linear Algebra and Its Applications</i> , 2021, 619, 107-136.	0.4	1
5	Nonnegative realizability with Jordan structure. <i>Linear Algebra and Its Applications</i> , 2020, 587, 302-313.	0.4	9
6	On the universal realizability problem. <i>Linear Algebra and Its Applications</i> , 2020, 597, 170-186.	0.4	4
7	Extreme Spectra Realization by Nonsymmetric Tridiagonal and Nonsymmetric Arrow Matrices. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-7.	0.6	5
8	Centrosymmetric nonnegative realization of spectra. <i>Linear Algebra and Its Applications</i> , 2019, 581, 260-284.	0.4	2
9	On universal realizability of spectra. <i>Linear Algebra and Its Applications</i> , 2019, 563, 353-372.	0.4	5
10	Updating a map of sufficient conditions for the real nonnegative inverse eigenvalue problem. <i>Special Matrices</i> , 2019, 7, 246-256.	0.2	1
11	Toeplitz nonnegative realization of spectra via companion matrices. <i>Special Matrices</i> , 2019, 7, 230-245.	0.2	1
12	Universal realizability of spectra with two positive eigenvalues. <i>Linear Algebra and Its Applications</i> , 2018, 545, 226-239.	0.4	11
13	Spectra universally realizable by doubly stochastic matrices. <i>Special Matrices</i> , 2018, 6, 301-309.	0.2	6
14	On nonnegative matrices with prescribed eigenvalues and diagonal entries. <i>Linear Algebra and Its Applications</i> , 2018, 556, 400-420.	0.4	2
15	A map of sufficient conditions for the symmetric nonnegative inverse eigenvalue problem. <i>Linear Algebra and Its Applications</i> , 2017, 530, 344-365.	0.4	16
16	On the A-spectra of trees. <i>Linear Algebra and Its Applications</i> , 2017, 520, 286-305.	0.4	72
17	M -matrices with prescribed elementary divisors. <i>Inverse Problems</i> , 2017, 33, 095009.	1.0	4
18	Nonnegative Inverse Elementary Divisors Problem. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Nonnegative inverse elementary divisors problem in the left half plane. Linear and Multilinear Algebra, 2016, 64, 258-268.	0.5	13
20	Normal nonnegative realization of spectra. Linear and Multilinear Algebra, 2015, 63, 1204-1215.	0.5	5
21	Nonnegative persymmetric matrices with prescribed elementary divisors. Linear Algebra and Its Applications, 2015, 483, 139-157.	0.4	9
22	Persymmetric and bisymmetric nonnegative inverse eigenvalue problem. Linear Algebra and Its Applications, 2015, 469, 130-152.	0.4	14
23	A family of realizability criteria for the real and symmetric nonnegative inverse eigenvalue problem. Numerical Linear Algebra With Applications, 2013, 20, 336-348.	0.9	18
24	Nonnegative matrices with prescribed spectrum and elementary divisors. Linear Algebra and Its Applications, 2013, 439, 3591-3604.	0.4	21
25	A Brauer's theorem and related results. Central European Journal of Mathematics, 2012, 10, 312-321.	0.7	12
26	On elementary divisors perturbation of nonnegative matrices. Linear Algebra and Its Applications, 2010, 432, 546-555.	0.4	5
27	Nonnegativity Preservation under Singular Values Perturbation. Mathematical Problems in Engineering, 2009, 2009, 1-25.	0.6	1
28	Guo perturbation for symmetric nonnegative circulant matrices. Linear Algebra and Its Applications, 2009, 431, 594-607.	0.4	12
29	A unified view on compensation criteria in the real nonnegative inverse eigenvalue problem. Linear Algebra and Its Applications, 2008, 428, 2574-2584.	0.4	17
30	Nonnegative matrices with prescribed extremal singular values. Computers and Mathematics With Applications, 2008, 56, 30-42.	1.4	14
31	A map of sufficient conditions for the real nonnegative inverse eigenvalue problem. Linear Algebra and Its Applications, 2007, 426, 690-705.	0.4	22
32	Extremal inverse eigenvalue problem for bordered diagonal matrices. Linear Algebra and Its Applications, 2007, 427, 256-271.	0.4	27
33	An inverse eigenvalue problem for symmetrical tridiagonal matrices. Computers and Mathematics With Applications, 2007, 54, 699-708.	1.4	19
34	Realizability criterion for the symmetric nonnegative inverse eigenvalue problem. Linear Algebra and Its Applications, 2006, 416, 783-794.	0.4	18
35	Applications of a Brauer theorem in the nonnegative inverse eigenvalue problem. Linear Algebra and Its Applications, 2006, 416, 844-856.	0.4	51
36	Existence and construction of nonnegative matrices with complex spectrum. Linear Algebra and Its Applications, 2003, 368, 53-69.	0.4	26

#	ARTICLE	IF	CITATIONS
37	Existence and construction of nonnegative matrices with prescribed spectrum. Linear Algebra and Its Applications, 2003, 369, 169-184.	0.4	39
38	On the solution of a multiplicative inverse eigenvalue problem. Proyecciones, 1996, 15, 179-186.	0.1	0
39	Eigenvalue localization for complex matrices. Proyecciones, 1992, 11, 11-19.	0.1	6
40	Condiciones para el problema aditivo inverso de autovalor. Proyecciones, 1990, 8/9, 1-15.	0.1	0
41	Una nota sobre el Mtodo Simplex y la descomposicin LU. Proyecciones, 1988, 7, 71-84.	0.1	0
42	On the additive inverse eigenvalue problem. Proyecciones, 1988, 7, 1-27.	0.1	1
43	On the multiplicative inverse eigenvalue problem. Proyecciones, 1988, 7, 1-20.	0.1	0
44	Construccin de una matriz a partir de sus autovalores. Proyecciones, 1985, 5, 61-79.	0.1	0
45	El mtodo de Ritz para problemas de valor en la frontera. Proyecciones, 1984, 3, 19-59.	0.1	0
46	El mtodo de Ritz para problemas de valor en la frontera. Proyecciones, 1984, 3, 61-108.	0.1	0
47	Solucin numrica de ecuaciones elpticas por el mtodo del producto tensorial con uso de la transformada rpida de Fourier. Proyecciones, 1983, 2, 11-50.	0.1	0
48	Aplicacin del mtodo de descomposicin matricial y la transformada rpida de Fourier a la solucin de la ecuacin de Poisson. Proyecciones, 1983, 2, 23-53.	0.1	0
49	La Carrera de pedagoga en Matemticas y Fsica. Proyecciones, 1982, 1, 3-9.	0.1	0
50	Centrosymmetric universal realizability. Electronic Journal of Linear Algebra, 0, 37, 680-691.	0.6	0