Hannes Gernandt

List of Publications by Year
in descending order

11 papers	55 citations	1684188 5 h-index	1720034 7 g-index
11 all docs	11 docs citations	11 times ranked	24 citing authors

#	Article	IF	Citations
1	Eigenvalue Placement for Regular Matrix Pencils with Rank One Perturbations. SIAM Journal on Matrix Analysis and Applications, 2017, 38, 134-154.	1.4	19
2	A Linear Relation Approach to Port-Hamiltonian Differential-Algebraic Equations. SIAM Journal on Matrix Analysis and Applications, 2021, 42, 1011-1044.	1.4	9
3	The gap distance to the set of singular matrix pencils. Linear Algebra and Its Applications, 2019, 564, 28-57.	0.9	7
4	Modeling and parameter identification for real-time temperature controlled retinal laser therapies. Automatisierungstechnik, 2020, 68, 953-966.	0.8	7
5	Schur reduction of trees and extremal entries of the Fiedler vector. Linear Algebra and Its Applications, 2019, 570, 93-122.	0.9	5
6	A Calderón type inverse problem for tree graphs. Linear Algebra and Its Applications, 2022, 646, 29-42.	0.9	3
7	A new bound for the distance to singularity of a regular matrix pencil. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 863-864.	0.2	2
8	On the stability of port-Hamiltonian descriptor systems. IFAC-PapersOnLine, 2021, 54, 137-142.	0.9	2
9	On the parametric eigenvalue behavior of matrix pencils under rank one perturbations. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 873-874.	0.2	1
10	A new method for network redesign via rank one updates. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 857-858.	0.2	0
11	Locating the extremal entries of the Fiedler vector for rose trees. Proceedings in Applied Mathematics and Mechanics, 2019, 19, e201900408.	0.2	0