Dennis I Merino

List of Publications by Year
in descending order

26 papers	173 citations	1306789 7 h-index	1125271 13 g-index
26 all docs	26 docs citations	26 times ranked	38 citing authors

#	Article	IF	Citations
1	Contragredient equivalence: A canonical form and some applications. Linear Algebra and Its Applications, 1995, 214, 43-92.	0.4	54
2	A real-coninvolutory analog of the polar decomposition. Linear Algebra and Its Applications, 1993, 190, 209-227.	0.4	19
3	The Jordan Canonical Forms of complex orthogonal and skew-symmetric matrices. Linear Algebra and Its Applications, 1999, 302-303, 411-421.	0.4	13
4	On the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ï•</mml:mi></mml:mrow><mml:mrow><mml:mi>J</mml:mi></mml: polar decomposition of matrices. Linear Algebra and Its Applications, 2010, 432, 1165-1175.	0.4	11
5	Skew-coninvolutory matrices. Linear Algebra and Its Applications, 2007, 426, 540-557.	0.4	10
6	The <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	0.4	9
7	The Cartanâ€“DieudonnÃ©â€“Scherk theorems for complex S-orthogonal matrices. Linear Algebra and Its Applications, 2014, 458, 251-260.	0.4	8
8	Quasi-real normal matrices and eigenvalue pairings. Linear Algebra and Its Applications, 2003, 369, 279-294.	0.4	7
9	The <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd"	0.4	5
10	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ï•</mml:mi></mml:mrow><mml:mrow><mml:mi>S</mml:mi></mml: matrices. Linear Algebra and Its Applications, 2010, 432, 2834-2846.	0.4	4
11	The sum of orthogonal matrices. Linear Algebra and Its Applications, 2012, 436, 1960-1968.	0.4	4
12	S orthogonal matrices and S symmetries. Linear Algebra and Its Applications, 2015, 474, 213-229.	0.4	4
13	The Ï•S polar decomposition when the cosquare of S is normal. Linear Algebra and Its Applications, 2015, 467, 75-85.	0.4	4
14	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ï•</mml:mi></mml:mrow><mml:mrow><mml:mi>J</mml:mi></mml: polar decomposition of matrices with rank 2. Linear Algebra and Its Applications, 2009, 430, 756-761.	0.4	3
15	The J-Householder matrices. Linear Algebra and Its Applications, 2012, 436, 1189-1194.	0.4	3
16	Linear operators preserving unitaryt-congruence (orthogonal similarity) on complex (real) matrices. Linear and Multilinear Algebra, 1993, 35, 83-105.	0.5	2
17	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>Î˜</mml:mi></mml:mrow><mml:mrow><mml:mi>S</mml:mi></mml: polar decomposition. Linear Algebra and Its Applications, 2009, 431, 1249-1256.	0.4	2
18	The sum of orthogonal matrices in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>M</mml:mi></mml:mrow><mml:mrow><mml:mi>n</mml:mi></mml: open="(" close=")"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="double-struck">Z</mml:mi></mml:mrow><mml:mrow><mml:mi>k</mml:mi></mml:mrow></mml:msub></mml:mrow></ Linear Algebra and Its Applications, 2011, 434, 2170-2175.	0.4	2

#	Article	IF	Citations
19	The Ï^ polar decomposition when the cosquare of S is normal. Linear Algebra and Its Applications, 2016, 495, 51-66.	0.4	2
20	Every 2n-by-2n complex matrix is a sum of three symplectic matrices. Linear Algebra and Its Applications, 2017, 517, 199-206.	0.4	2
21	Distances between the graphs of matrices. Linear Algebra and Its Applications, 1996, 240, 65-77.	0.4	1
22	Each n-by-n matrix with n> 1 is a sum of 5 coninvolutory matrices. Linear Algebra and Its Applications, 2016, 508, 246-254.	0.4	1
23	The sum of two Ï• orthogonal matrices when Sâ^'S is normal and â^'1 â^‰Ïƒ(Sâ^'S). Linear Algebra and Its Applications, 2016, 495, 67-89.	0.4	1
24	Skew Ï• polar decompositions. Linear Algebra and Its Applications, 2017, 531, 129-140.	0.4	1
25	The subspaces spanned by Householder vectors associated with an orthogonal or a symplectic matrix. Linear Algebra and Its Applications, 2018, 546, 37-49.	0.4	1
26	The Î›S-Householder matrices. Linear Algebra and Its Applications, 2012, 436, 2653-2664.	0.4	0