

# Dennis I Merino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/514219/publications.pdf>

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26  
papers

173  
citations

1307594

7  
h-index

1125743

13  
g-index

26  
all docs

26  
docs citations

26  
times ranked

38  
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#	ARTICLE	IF	CITATIONS
1	The subspaces spanned by Householder vectors associated with an orthogonal or a symplectic matrix. <i>Linear Algebra and Its Applications</i> , 2018, 546, 37-49.	0.9	1
2	Skew $\tilde{I}$ -polar decompositions. <i>Linear Algebra and Its Applications</i> , 2017, 531, 129-140.	0.9	1
3	Every $2n$ -by- $2n$ complex matrix is a sum of three symplectic matrices. <i>Linear Algebra and Its Applications</i> , 2017, 517, 199-206.	0.9	2
4	Each $n$ -by- $n$ matrix with $n > 1$ is a sum of 5 coninvolutory matrices. <i>Linear Algebra and Its Applications</i> , 2016, 508, 246-254.	0.9	1
5	The sum of two $\tilde{I}$ -orthogonal matrices when $S \hat{=} S$ is normal and $\hat{=} 1 \hat{=} \tilde{I} f(S \hat{=} S)$ . <i>Linear Algebra and Its Applications</i> , 2016, 495, 67-89.	0.9	1
6	The $\tilde{I}$ -polar decomposition when the cosquare of $S$ is normal. <i>Linear Algebra and Its Applications</i> , 2016, 495, 51-66.	0.9	2
7	$S$ orthogonal matrices and $S$ symmetries. <i>Linear Algebra and Its Applications</i> , 2015, 474, 213-229.	0.9	4
8	The $\tilde{I} \cdot S$ polar decomposition when the cosquare of $S$ is normal. <i>Linear Algebra and Its Applications</i> , 2015, 467, 75-85.	0.9	4
9	The Cartan-Dieudonné-Scherk theorems for complex $S$ -orthogonal matrices. <i>Linear Algebra and Its Applications</i> , 2014, 458, 251-260.	0.9	8
10	The $\tilde{I}$ -polar decomposition when the cosquare of $S$ is normal. <i>Linear Algebra and Its Applications</i> , 2016, 495, 51-66.	0.9	5
11	The $J$ -Householder matrices. <i>Linear Algebra and Its Applications</i> , 2012, 436, 1189-1194.	0.9	3
12	The $\hat{I} \cdot S$ -Householder matrices. <i>Linear Algebra and Its Applications</i> , 2012, 436, 2653-2664.	0.9	0
13	The sum of orthogonal matrices. <i>Linear Algebra and Its Applications</i> , 2012, 436, 1960-1968.	0.9	4
14	The $\tilde{I}$ -polar decomposition when the cosquare of $S$ is normal. <i>Linear Algebra and Its Applications</i> , 2016, 495, 51-66.	0.9	9
15	The $\tilde{I}$ -polar decomposition when the cosquare of $S$ is normal. <i>Linear Algebra and Its Applications</i> , 2016, 495, 51-66.	0.9	0
16	On the $\tilde{I}$ -polar decomposition of matrices. <i>Linear Algebra and Its Applications</i> , 2010, 432, 1165-1175.	0.9	1
17	The $\tilde{I} \cdot S$ polar decomposition when the cosquare of $S$ is normal. <i>Linear Algebra and Its Applications</i> , 2015, 467, 75-85.	0.9	1
18	The $\tilde{I}$ -polar decomposition of matrices with rank 2. <i>Linear Algebra and Its Applications</i> , 2009, 430, 756-761.	0.9	1

#	ARTICLE	IF	CITATIONS
19	The $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ polar decomposition. Linear Algebra and Its Applications, 2009, 431, 1249-1256.		
20	Skew-coninvolutory matrices. Linear Algebra and Its Applications, 2007, 426, 540-557.	0.9	10
21	Quasi-real normal matrices and eigenvalue pairings. Linear Algebra and Its Applications, 2003, 369, 279-294.	0.9	7
22	The Jordan Canonical Forms of complex orthogonal and skew-symmetric matrices. Linear Algebra and Its Applications, 1999, 302-303, 411-421.	0.9	13
23	Distances between the graphs of matrices. Linear Algebra and Its Applications, 1996, 240, 65-77.	0.9	1
24	Contragredient equivalence: A canonical form and some applications. Linear Algebra and Its Applications, 1995, 214, 43-92.	0.9	54
25	A real-coninvolutory analog of the polar decomposition. Linear Algebra and Its Applications, 1993, 190, 209-227.	0.9	19
26	Linear operators preserving unitary-congruence (orthogonal similarity) on complex (real) matrices. Linear and Multilinear Algebra, 1993, 35, 83-105.	1.0	2