



**PRAIRIE VIEW  
A&M UNIVERSITY**

## Curriculum Vitae

<b>Faculty Name:</b>	<b>JIAN-AO LIAN</b>		<b>Work Address:</b>	P.O. Box 519; MS 2225 Prairie View, TX 77446
<b>Position Title:</b>	Professor			
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<b>Education:</b>	<b>Degree and Area of Study</b>	<b>Institution Name</b>	<b>Degree Date</b>	
	Ph.D. in Mathematics	Texas A&M University	August, 1993	
<b>Teaching Experience</b>	<b>Position Title</b>	<b>Institution Name</b>	<b>Position Dates (Beginning and End)</b>	
	Professor	PVAMU	2003-present	
	Associate Professor	PVAMU	1994-2003	
	Postdoctoral Research Associate & Lecturer	Texas A&M University	1993-1994	
	Graduate Teaching & Research Assistant	Texas A&M University	1989-1993	
<b>Professional Publications:</b>	J.-A. Lian, <i>Fast algorithms for generating parametric cubic spline interpolation curves</i> , 2022 5th International Conference on Information and Computer Technologies (ICICT), 2022, pp. 100-109. <a href="https://ieeexplore.ieee.org/document/9845004">https://ieeexplore.ieee.org/document/9845004</a> . DOI: 10.1109/ICICT55905.2022.00026.			
	J.-A. Lian, <i>A family of Householder matrices</i> , Applications and Applied Mathematics <b>16</b> (1) (2021), pp. 214-222. <a href="https://digitalcommons.pvamu.edu/aam/vol16/iss1/11/">https://digitalcommons.pvamu.edu/aam/vol16/iss1/11/</a> .			
	J.-A. Lian, <i>Linear filters for image energy</i> , in: Proceedings of 2019 IEEE 62nd International Midwest Symposium on Circuits and Systems (MWSCAS), Dallas, Texas, August 4-7, 2019, pp. 193-197. <a href="https://ieeexplore.ieee.org/document/8885178">https://ieeexplore.ieee.org/document/8885178</a> , DOI: 10.1109/MWSCAS.2019.8885178.			
	J.-A. Lian, <i>Image sharpening with optimized PSNR</i> , in: Proceedings of 2019 International Conference on Signal and Image Processing Applications (ICSIPA), Kuala Lumpur, Malaysia, September 14-17, 2019, pp. 106-110. <a href="https://ieeexplore.ieee.org/document/8977787">https://ieeexplore.ieee.org/document/8977787</a> , DOI: 10.1109/ICSIPA45851.2019.8977787.			
	J.-A. Lian, <i>A novel filter design for edge enhancement</i> , in: Proceedings of the 5th Annual Conference on Computational Science & Computational Intelligence (CSCI'18), Las Vegas, Nevada, Dec. 13-15, 2018, pp. 462-465. <a href="https://ieeexplore.ieee.org/document/8947741">https://ieeexplore.ieee.org/document/8947741</a> , DOI: 10.1109/CSCI46756.2018.00094.			
<b>Additional Trainings/Skills:</b>	Matlab, Maple, Mathematica, MS Office, FORTRAN, C/C++			