DANH SÁCH BÀI BÁO KHOA HỌC XUẤT BẢN TRÊN TẠP CHÍ CHUYÊN NGÀNH NĂM 2025

(Từ 01.2025 đến 12.2025)

STT	Năm	Tiêu đề	Tác giả	Tạp chí/Nguồn	Tập	Số	Trang	DOI
1	2025	A cell-centered finite element method with imposed flux continuity and streamline upwind technique for advection-diffusion problems on general meshes	Ong Thanh Hai and Nguyen T. Hong Thai and Tran Thien Thanh	Int. J. Numer. Anal. Model.	22	3	401--431	10.4208/ijnam2025-1018
2	2025	A mixed type duality for nonsmooth multiobjective semi-infinite problems with mixed constraints	Nguyen Le Hoang Anh and Nguyen Manh Truong Giang and Nguyen Thanh Thoa	Positivity	29	5	21	10.1007/s11117-025-01144-w
3	2025	A multiscale and multiphysical numerical approach for sandwich multiphase hybrid fiber plates with smart composite facesheets	Ly, Duy-Khuong and Vu-Do, Huy-Cuong and Thongchom, Chanachai and Nguyen-Thoi, T.	Engineering Analysis with Boundary Elements	173		106134	10.1016/j.enganabound.2025.106134
4	2025	A New Evaluation Strategy for Diagnostic Tests Under Umbrella or Tree Ordering	To, Duc-Khanh and Adimari, Gianfranco and Chiogna, Monica	Int Statistical Rev				10.1111/insr.12612
5	2025	A note on Lipschitz estimates for weighted Bergman projections on convex domains of infinite type in \(^2\)	Ha, Ly Kim	Kyungpook Math. J.	65	2	237--256	10.5666/kmj.2025.65.2.237
6	2025	A note on products of commutators of quadratic matrices	Pham The Nhan and Nguyen Huu Tri Nhat	Boll. Unione Mat. Ital.	18	4	909--915	10.1007/s40574-024-00440-9
7	2025	A staggered cell-centered finite element method with grad-div stabilization for the Stokes problems	Ong Thanh Hai	Acta Math. Vietnam.	50	3	387--410	10.1007/s40306-025-00577-5
8	2025	A stiffly stable semi-discrete scheme for the damped wave equation on the half-line using SBP and SAT techniques	Nguyen, Thi Hoai Thuong and Boutin, Benjamin	ESAIM, Math. Model. Numer. Anal.	59	5	2557--2581	10.1051/m2an/2025069
9	2025	A two-parameter Tikhonov regularization for a fractional sideways problem with two interior temperature measurements	Dang Duc Trong and Dinh Nguyen Duy Hai and Nguyen Dang Minh and Nguyen Nhu Lan	Math. Comput. Simul.	229		491--511	10.1016/j.matcom.2024.10.013
10	2025	Boundedness and compactness for differences of composition operators between Bergman spaces on strongly pseudoconvex domains	Ha, Ly Kim	J. Math. Anal. Appl.	549	1	14	10.1016/j.jmaa.2025.129440
11	2025	Boundedness for \(p\)-adic Riesz potential with rough kernel and its commutators on two-weighted Morrey, Herz spaces	Ngo Thi Hong and Ha, Ly Kim and Dao Van Duong	\(p\)-Adic Numbers Ultrametric Anal. Appl.	17	1	42--61	10.1134/s2070046625010042
12	2025	Commutator widths of general linear groups over local rings	Nhan, Pham The and Nhat, Nguyen Huu Tri	Linear Multilinear Algebra	73	14	3239--3261	10.1080/03081087.2025.2538136
13	2025	Covering numbers of some linear groups with respect to quadratic matrices	Nhan, Pham The and Nhat, Nguyen Huu Tri	J. Algebra Appl.				10.1142/S0219498826501689
14	2025	Decomposition of matrices into products of commutators of quadratic matrices	Bien, M. H. and Ramezan-Nassab, M. and Truong, L. Q.	Linear Multilinear Algebra	73	6	1257--1268	10.1080/03081087.2024.2411429
15	2025	Deconvolution of $\mathbb{P}(X < Y)$ from repeated data samples with unknown noise distributions	Phuong, Cao Xuan and Trang, Bui Thuy	Communications in Statistics - Theory and Methods	54	22	7011-7051	10.1080/03610926.2025.2465646
16	2025	Directional Levitin-Polyak well-posedness for optimization problems and variational inequalities	Kim, Do Sang and Bae, Kwan Deok and Long, Vo Si Trong	Comput. Appl. Math.	44	8	20	10.1007/s40314-025-03370-0
17	2025	Erratum-addendum to: ``Thomas-Fermi profile of a fast rotating Bose-Einstein condensate''	Nguyen, Dinh-Thi and Rougerie, Nicolas	Pure Appl. Anal.	7	1	243--249	10.2140/paa.2025.7.243
18	2025	Existence of solutions for set optimization problems with variable ordering structures	Dinh Vinh Hien and Nguyen Le Hoang Anh	J. Optim. Theory Appl.	207	3	20	10.1007/s10957-025-02823-0

19	2025	Expressing matrices in $\mathrm{SL}_{n}(F)$ as products of commutators of unipotent matrices	Huu Dung, Truong and Anh, Vo Thi Van	ELA	41		248-265	10.13001/ela.2025.9023
20	2025	Factorization of matrices into products of squares or torsions and its applications to group algebras	Bien, M. H. and Ramezan-Nassab, M. and Son, T. N.	Linear Multilinear Algebra	73	11	2593--2603	10.1080/03081087.2025.2461202
21	2025	Fast convex optimization closed-loop time scaling of gradient dynamics	Attouch, Hedy and Bo, Radu Ioan and Nguyen, Dang-Khoa	ESAIM, Control Optim. Calc. Var.	31		41	10.1051/cocv/2025076
22	2025	Fast optimistic gradient descent ascent (OGDA) method in continuous and discrete time	Bo, Radu Ioan and Csetnek, Ernö Robert and Nguyen, Dang-Khoa	Found. Comput. Math.	25	1	163--222	10.1007/s10208-023-09636-5
23	2025	Fast reflected forward-backward algorithm: achieving fast convergence rates for convex optimization with linear cone constraints	Bo, Radu Ioan and Nguyen, Dang-Khoa and Zong, Chunxiang	J. Sci. Comput.	105	3	46	10.1007/s10915-025-03103-9
24	2025	General Decay of Solutions for a Coupled System of Kirchhoff-Carrier-Type Viscoelastic Wave Equations with Balakrishnan-Taylor Damping	Nam, Bui and Nhan, Nguyen and Ngoc, Le and Triet, Nguyen and Long, Nguyen	Sahand Communications in Mathematical Analysis	22	3	Jan-52	10.22130/scma.2025.2029809.1732
25	2025	Generalized Jordan forms of matrices over division rings	Bien, M. H. and Ramezan-Nassab, M. and Son, T. N. and Truong, L. Q.	J. Algebra Appl.	24	2	12	10.1142/s0219498825500410
26	2025	Global strong solutions to nonlocal Benjamin-Bona-Mahony equations with exponential nonlinearities	Tuan, Nguyen Huy and Nghia, Bui Dai and Tuan, Nguyen Anh	Bulletin des Sciences Mathématiques	199		103539	10.1016/j.bulsci.2024.103539
27	2025	Groups generated by matrices of finite order	Mai Hoang Bien and Trinh Quoc Huy and Nguyen Anh Sy and Nguyen Phu Thinh and Le Quang Truong	Semigroup Forum	110	3	525--539	10.1007/s00233-025-10540-3
28	2025	Hybrid active-passive control of multiphase composite shells through high-order Chebyshev frequency response modeling	Ly, Duy-Khuong and Vu-Do, Huy-Cuong and Dang, Trung-Hau and Nguyen-Thoi, T.	Comput. Math. Appl.	199		184--202	10.1016/j.camwa.2025.09.012
29	2025	Local Hadamard well-posedness, global existence, finite time blow-up, and vacuum isolating phenomena for a generalized Lamé system	Minh, Tran Quang and Danh, Pham Hong and Freitas, Mirelson M.	Journal of Differential Equations	418		374-458	10.1016/j.jde.2024.11.040
30	2025	Macro-financial impacts of foreign digital money	Le, Anh H. and Copestake, Alexander and Tan, Brandon and Papageorgiou, Evan and Peiris, S. Jay and Rawat, Umang	Econ. Lett.	255		5	10.1016/j.econlet.2025.112458
31	2025	MQIBS: An Efficient Post-Quantum Identity-based Signature from Multivariate Polynomials	Luyen, Le Van	IJCAI	49	11		10.31449/inf.v49i11.7089
32	2025	Multi-material proportional topology optimization using hybrid threshold interpolation	Vu Do Huy Cuong	Vietnam Journal of Science and Technology	63	3	608 - 618	
33	2025	Necessary and sufficient optimality conditions for fuzzy fractional variational problems under granular fuzzy Caputo fractional derivatives	Le, T. T. and Dang, H. T. and Tran, T. K. and Pham, L. B. N.	Comp. Appl. Math.	44	4		10.1007/s40314-025-03118-w
34	2025	New quantum divergences generated by monotonicity inequality	Dinh, Trung Hoa and Le, Anh Vu and Osaka, Hiroyuki and Phan, Ngoc Yen	Mathematical Inequalities & Applications		1	143-157	10.7153/mia-2025-28-10
35	2025	New regularity criteria for Navier-Stokes and SQG equations in critical spaces	Xu, Yiran and Ha, Ly Kim and Li, Haina and Wang, Zexi	Discrete Contin. Dyn. Syst.	45	4	1079--1095	10.3934/dcds.2024123
36	2025	Nonlinear scalarizations in set optimization with variable ordering structures and applications	Dinh Vinh Hien and Nguyen Le Hoang Anh	J. Appl. Math. Comput.	71	2	1609--1630	10.1007/s12190-024-02296-w
37	2025	Normal cone and subdifferential with respect to a set at infinity and their applications	Nguyen Le Hoang Anh and Nguyen Canh Hung	J. Optim. Theory Appl.	206	3	27	10.1007/s10957-025-02761-x
38	2025	Note on the complex Monge-Ampère type equation \((dd^cu)^n = (-1u)dV\) on a class of pseudoconvex domains of infinite type	Ha, Kim Ly and Nguyen, Nguyen Dac-Khoi	J. Korean Math. Soc.	62	3	663--678	10.4134/jkms.j240217
39	2025	On diameters of commuting graphs of matrix algebras over division rings	Cao Minh Nam and Mai Hoang Bien and Bui Xuan Hai	J. Algebra Appl.	24	6	15	10.1142/s0219498825501488

40	2025	On free subgroups in Leavitt path algebras	Bui Xuan, Hai and Huynh Viet, Khanh	Communications in Algebra			1-17	10.1080/00927872.2025.2600489
41	2025	On Kursov's theorem for matrices over division rings	Dung, Truong Huu and Son, Tran Nam	Linear Algebra and its Applications	704		218-230	10.1016/j.laa.2024.10.018
42	2025	On the pointwise and global well-posedness for nonconvex set optimization problems	Anh, Lam Quoc and Duy, Tran Quoc and Khanh, Lam Thi Van and Thi Tuyet Mai, Tran and Tam, Tran Ngoc	Optimization			1-21	10.1080/02331934.2025.2539232
43	2025	On the solvable radical of groups	Le Van Chua and Cao Minh Nam and Bui Xuan Hai	J. Algebra	682		787--803	10.1016/j.jalgebra.2025.06.018
44	2025	Optimal regularization for a general multi-dimensional time-fractional sideways problem	Dang Duc Trong and Le Van Chanh and Dinh Nguyen Duy Hai	Inverse Probl.	41	6	44	10.1088/1361-6420/addb6a
45	2025	Optimality and stability conditions for Benson efficient solutions in vector optimization problems	Anh, Lam Quoc and Duoc, Phan Thanh, and Thuy, Vo Thi Mong and Tinh, Cao Thanh, Zhao, Xiaopeng	J. Nonlinear Var. Anal.	9	5		10.23952/jnva.9.2025.5.05
46	2025	Products of commutators in certain rings	Son, Tran Nam and Dung, Truong Huu	J. Algebra Appl.	24	08		10.1142/S0219498825501889
47	2025	Products of reflections and commutators of reflections over division algebras	Bien, M. H. and Ha, N. T. T. and Hung, T. N. N. and Toan, D. T.	Acta Math. Vietnam.	50	4	521--539	10.1007/s40306-025-00588-2
48	2025	Qualitative properties of \(k\)-center problems	Vo Si Trong Long and Nguyen, Mau Nam and Sharkansky, Jacob and Nguyen Dong Yen	J. Optim. Theory Appl.	207	1	23	10.1007/s10957-025-02753-x
49	2025	Qualitative Properties of Robust Benson Efficient Solutions of Uncertain Vector Optimization Problems	Anh, Lam Quoc and Thuy, Vo Thi Mong and Zhao, Xiaopeng	J Optim Theory Appl	205	1		10.1007/s10957-025-02638-z
50	2025	Recovery of initial displacement and velocity in anisotropic elastic systems by the time dimensional reduction method	Dang, Trong D. and Le, Chanh V. and Luu, Khoa D. and Nguyen, Loc H.	J. Comput. Phys.	542		19	10.1016/j.jcp.2025.114371
51	2025	Regularization of inverse problems by filtered diagonal frame decomposition under general source	Trong, Dang Duc and Nguyen Dang Minh and Luu, Thang Xuan and Luu, Khoa Dang	Inverse Probl.	41	11	42	10.1088/1361-6420/ae1998
52	2025	Reversibility in matrix rings and group algebras	Dung, Truong Huu and Hai, Bui Xuan and Son, Tran Nam	Period. Math. Hung.	90	1	203--216	10.1007/s10998-024-00614-0
53	2025	Note on the complex Monge-Amp\`ere type equation $(dd^cu)^n = \exp\left(\frac{-1}{u}\right)\Psi dV$ on a class of pseudoconvex domains of infinite type	Ha, Ly Kim and Khoi Nguyen, Nguyen Dac	J. Korean Math. Soc.	62	3	663 - 678	10.4134/JKMS.j240217
54	2025	Second-order optimality conditions for nonsmooth multiobjective optimization subjected to mixed constraints	Nguyen Minh Tung, Nguyen Minh Cuong	Appl. Set-Valued Anal. Optim.	7	1		10.23952/asvao.7.2025.1.03
55	2025	Sequential optimality conditions and solution existence for nonsmooth multiobjective optimization problems	Anh, Nguyen Le Hoang and Hung, Nguyen Canh and Chuong, Thai Doan	Ann Oper Res				10.1007/s10479-025-06994-x
56	2025	Sign-changing solutions for a nonlinear degenerate elliptic system	Thi Hong Hanh, L. and Trong, D.	Matematiche	80	2	641--659	10.4418/2025.80.2.7
57	2025	Simultaneous reconstruction of birth condition and mortality rate in an age-structured tumor model	Vo, Khoi Anh and Anh Khoa, Vo	Inverse Problems	41	6	065019	10.1088/1361-6420/ade283
58	2025	Skew linear groups with rank conditions, II	Hai, Bui Xuan and Chua, Le Van	Journal of Algebra	677		430-447	10.1016/j.jalgebra.2025.03.054
59	2025	Sobolev-type regularization method for the backward diffusion equation with fractional Laplacian and time-dependent coefficient	Khieu, Tran Thi and Khanh, Tra Quoc	Math. Methods Appl. Sci.	48	2	2085--2101	10.1002/mma.10425
60	2025	Solution existence and compactness analysis for nonsmooth optimization problems	Nguyen Canh Hung and Chuong, Thai Doan and Nguyen Le Hoang Anh	J. Optim. Theory Appl.	205	1	25	10.1007/s10957-025-02637-0

61	2025	Solution existence for a class of nonsmooth robust optimization problems	Nguyen Canh Hung and Thai Doan Chuong and Nguyen Le Hoang Anh	J. Glob. Optim.	92	1	111--133	10.1007/s10898-024-01450-9
62	2025	Some decompositions of matrices over local rings	Bien, M. H. and Nhan, P. T. and Nhat, N. H. T.	J. Algebra Appl.	24	3	18	10.1142/s0219498825500884
63	2025	Some results on ideal adic topologies and applications	Nam, Tran Tuan and Huy Tu, Nguyen Hoang	J. Algebra Appl.				10.1142/S0219498826501410
64	2025	Stability results for evolution equations involving superposition operators of mixed fractional orders	Khieu, Tran Thi and Khanh, Tra Quoc	Mediterr. J. Math.	22	1	20	10.1007/s00009-024-02774-2
65	2025	Stabilization against collapse of 2D attractive Bose-Einstein condensates with repulsive, three-body interactions	Nguyen, Dinh-Thi and Ricaud, Julien	Lett. Math. Phys.	115	2	46	10.1007/s11005-025-01897-1
66	2025	A Note on Lipschitz Estimates for Weighted Bergman Projections on Convex Domains of Infinite Type in C^2	Ha, Ly Kim	KYUNGPOOK Math. J.	65		237 - 256	10.5666/KMJ.2025.65.2.237
67	2025	Studies of the torsion in the homology of Oeljeklaus-Toma manifolds	Phan, Dung Phuong and Bui, Tuan Anh and Rahm, Alexander D.	Differ. Geom. Appl.	101		20	10.1016/j.difgeo.2025.102304
68	2025	The Multiplicative Matrix Waring Problem for Algebraically Closed Division Rings	Dung, Truong Huu and Son, Tran Nam	Vietnam J. Math.				10.1007/s10013-025-00780-9
69	2025	The quickest root–leaf interdiction problem on tree networks	Nguyen-Thu, Huong and Tayyebi, Javad and Nguyen, Kien Trung and Luan, Nguyen Thanh	Discrete Applied Mathematics	368		91-104	10.1016/j.dam.2025.02.020
70	2025	Undercompressive phase transitions for the model of fluid flows in a nozzle with discontinuous cross-sectional area	Vinh, Duong Xuan and Thanh, Mai Duc and Hiep, Nguyen Huu	Nonlinear Analysis: Real World Applications	82		104260	10.1016/j.nonrwa.2024.104260
71	2025	Viscosity estimation for 2D pipe flows. I: Construction, consistency, asymptotic normality	Nguyen, Thi Hien and Shirikyan, Armen	Bernoulli	31	4	2799--2813	10.3150/24-bej1826
72	2025	YOSCA: Confidence Adjustment for Better Object Detection in Aerial Images	Nguyen, Loi and Nguyen, Khang	Vietnam J. Comp. Sci.	12	04	469-488	10.1142/S219688882450026X
73	2025	GLOPS: A Hybrid Approach for Enhanced Scheduling in Cloud Computing Environments via Machine Learning-Based Process Prediction	Syed Abu Ammar Muhammad Zarif; Layla Kader Suma; Md. Sadat Rahman; Md. Motaharul Islam; Phuoc Hung Pham; Phong Dung Thi Nguyen; Nguyen Thanh Binh	IEEE Access 13:134385-134402 (Journal)				10.1109/ACCESS.2025.3592211
74	2025	Multimodal missing data in healthcare: A comprehensive review and future directions	Lien P. Le; Thu Nguyen; Michael A. Riegler; Pål Halvorsen; Binh T. Nguyen	Computer Science Review 56:100720 (Journal)				10.1016/J.COSREV.2024.100720
75	2025	Concept-based and embedding-based models in lifelog retrieval: an empirical comparison of performance	Manh-Duy Nguyen; Binh T. Nguyen; Cathal Gurrin	International Journal of Multimedia Information Retrieval 14(2):13 (Journal)				10.1007/S13735-025-00359-7
76	2025	Vision Projector: Improving Zero-Shot Composed Image Retrieval at Inference	Hoang-Bao Le; Allie Tran; Binh T. Nguyen; Liting Zhou; Cathal Gurrin	CBMI 2025 (Conference)				10.1109/CBMI66578.2025.11339315
77	2025	Multi-modal Context Reranking for Lifelog Question Answering	Quang-Linh Tran; Ly-Duyen Tran; Binh T. Nguyen; Gareth J. F. Jones; Cathal Gurrin	CBMI 2025 (Conference)				10.1109/CBMI66578.2025.11339309
78	2025	DistillCaps: Enhancing Audio-Language Alignment in Captioning via Retrieval-Augmented Knowledge Distillation	Thinh Pham; Nghiem Tuong Diep; Lizi Liao; Binh T. Nguyen	CIKM 2025 (Conference)				10.1145/3746252.3761269
79	2025	Decoding EEG Signals to Explore Next-Word Predictability in the Human Brain	Boi Mai Quach; Nguyen Thanh Binh; Cathal Gurrin; Graham Healy	CogSci 2025 (Conference)				
80	2025	Collision-Aware Formation Control of Nano-Quadrotors: Theory and Experiments	Anh Tung Nguyen; Binh T. Nguyen; Truong X. Nghiem; Sung Kyung Hong	COINS 2025 (Conference)				10.1109/COINS65080.2025.11125730

81	2025	Distributional Surgery for Language Model Activations	Bao Nguyen; Binh T. Nguyen; Duy Nguyen; Viet Anh Nguyen	Findings of EMNLP 2025 (Conference)				10.18653/V1/2025.FINDINGS-EMNLP.435
82	2025	Data Imputation for Noisy Time-Series Data in Healthcare	Lien P. Le; Thi Xuan-Hien Nguyen; Thu Nguyen; Michael A. Riegler; Pål Halvorsen; Binh T. Nguyen	ICCCI 2025 (Conference)				10.1007/978-3-032-09321-9_15
83	2025	MOSL: Integrating Multi-omics and Machine Learning to Predict Synthetic Lethality in Cancer Cell Lines	Tan Ngoc Pham; Dang Vu; Tien Dang; Binh T. Nguyen; Tuan-Anh Tran	ICCCI 2025 (Conference)				10.1007/978-3-032-09321-9_17
84	2025	STER-VLM: Spatio-Temporal with Enhanced Reference Vision-Language Models	Tinh-Anh Nguyen-Nhu; Triet Dao Hoang Minh; Dat To-Thanh; Phuc Le-Gia; Tuan Vo-Lan; Binh T. Nguyen	ICCV Workshops 2025 (Conference)				10.1109/ICCVW69036.2025.00578