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शिवाजी विद्यापीठ, कोल्हापूर

गणित अधिविभाग

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प्रा. (डॉ) मच्छिंद्र गोफणे
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शानमेवायतम



शिवाजी विद्यापीठ कोल्हापूर

जा.क्र. शिवाजी वि/गणित/६४

दि. 22/06/2026

नोटीस

गणित अधिविभाग शिवाजी विद्यापीठ कोल्हापूर येथे शैक्षणिक वर्ष २०२६-२७ या आर्थिक वर्षामध्ये सोबत जोडलेल्या यादी प्रमाणे पुस्तकांची खरेदी करावयाची आहे. सोबत जोडलेल्या यादी मधील पुस्तके खरेदी करण्या करिता पुस्तक पुरवठाधारकांकडून दरपत्रक मागवण्यात येत आहेत. तरी संबंधीत पुरवठाधारकांनी दि. ३०/०६/२०२६ पर्यंत maths_library@unishivaji.ac.in या मेल वरती दरपत्रक पाठवावीत.

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आपला विश्वासू

अधिविभागप्रमुख

गणित अधिविभाग

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NO.	List of Books to be purchased in 2026	Copy
1	Manisha Patel, M Timol, Non-Newtonian fluid models and Boundary Layer flow, Lambert Academic Publishing	1
2	John H. Merkin, Ioan Pop, YianYianLok, TeodorGrosan, Similarity Solutions for the Boundary Layer Flow and Heat Transfer of Viscous Fluids, Nanofluids, PorousMedia, and Micropolar Fluids, Academic Press	1
3	Frank M. White, Fluid Mechanics, Fourth Edition, McGraw Hill	1
4	Hermann Schlichting, Boundary-Layer Theory, Springer, 9th edition revised by Klaus Gersten (2016)	1
5	Yunus A. Çengel, Heat and Mass Transfer,	1
6	Transport Phenomena by Bird, Stewart, and Lightfoot	1
7	Non-Newtonian Fluid Mechanics by Robert P. Chhabra	1
8	Flow Through Porous Media by Adrian Bejan	1
9	Multiphase Flow Dynamics by Nikolay Ivanov Kolev	1
10	Splines and Variational Methods, By P. M. Prenter, Barrow Mathematics	1
11	Operatins Research , S.D.Sharma -	5
12	Bohner M, Peterson A. <i>Dynamic Equations on Time Scales: An Introduction with Applications</i> . Springer Science & Business Media, Boston, 2001.	2
13	Goodrich C, Peterson AC. <i>Discrete Fractional Calculus</i> . Springer International Publishing, Switzerland, 2015.	1
14	Agarwal RP, O'Regan D, Saker SH. <i>Dynamic Inequalities on Time Scales</i> . Springer International Publishing, Switzerland, 2014.	1
15	Georgiev SG. <i>Fractional Dynamic Calculus and Fractional Dynamic Equations on Time Scales</i> . Springer, Berlin, 2018.	1
16	Giacomo Ascione, YuliyaMishura, EnricaPirozzi, Fractional Deterministic andStochastic Calculus, Walter de Gruyter GmbH, Berlin/Boston, 2024.	1
17	B.g. Pachpatte, Integral and finite difference inequalities and applications, North-Holland mathematics studies 205, elsevier, 2006.	1
18	C. Corduneanu, Functional Equations with Causal Operators, Taylor & Francis, 2002.	1
19	Rudolf Gorenflo, Anatoly A. Kilbas, Francesco Mainardi, Sergei V. Rogosin, Mittag-Leffler Functions, Related Topics and Applications, Springer Monographs in Mathematics, 2014.	1
20	MouffakBenchohra, SoufyaneBouriah, AbdelkrimSalim, Yong Zhou, Fractional Differential Equations-A Coincidence Degree Approach, © 2024 Walter de Gruyter GmbH, Berlin/Boston.	1
21	AndrzejGranas James Dugundji, Fixed Point Theory, © 2003 Springer Science+Business Media New York	1
22	Georgiev SG. <i>Functional Dynamic Equations on Time Scales</i> . Springer International Publishing, Cham, 2019.	1
23	Bohner M, Georgiev SG. <i>Multivariable Dynamic Calculus on Time Scales</i> . Springer, Cham, 2016.	1
24	Martynyuk AA. <i>Stability Theory for Dynamic Equations on Time Scales</i> . Springer International Publishing, Basel, Switzerland, 2016.	1
25	Georgiev SG. <i>Integral Equations on Time Scales</i> . Springer, Cham, 2016.	1
26	Podlubny I. <i>Fractional Differential Equations</i> . Academic Press, San Diego, 1999.	1
27	Debnath L, Bhatta D. <i>Integral Transforms and Their Applications</i> . CRC Press, Boca Raton, 2010.	1
28	Kilbas AA, Srivastava HM, Trujillo JJ. <i>Theory and Applications of Fractional Differential Equations</i> . Elsevier, Amsterdam, 2006.	1
29	Diethelm K. <i>The Analysis of Fractional Differential Equations</i> . Springer, Berlin, 2010.	1
30	Miller KS, Ross B. <i>An Introduction to the Fractional Calculus and Fractional Differential Equations</i> . Wiley, New York, 1993.	1
31	Samko SG, Kilbas AA, Marichev OI. <i>Fractional Integrals and Derivatives: Theory and Applications</i> . Gordon and Breach Science Publishers, New York, 1993.	1
32	Pachpatte BG. <i>Integral and Finite Difference Inequalities and Applications</i> . North-Holland Mathematics Studies, Vol. 205, Elsevier, Amsterdam, 2006.	1
33	Corduneanu C. <i>Functional Equations with Causal Operators</i> . Taylor & Francis, London, 2002.	1
34	Zhou Y. <i>Basic Theory of Fractional Differential Equations</i> . World Scientific Publishing, Singapore, 2023.	1
35	Ames WF, Pachpatte BG. <i>Inequalities for Differential and Integral Equations</i> . Vol. 197, Academic Press, New York, 1997.	1
36	Singh DK, Yavuz M. <i>The Fundamentals of Fractional Calculus</i> . CRC Press, Boca Raton, 2025.	1
37	Balachandran K. <i>An Introduction to Fractional Differential Equations</i> . Springer, Singapore, 2024. DOI: 10.1007/978-981-99-6080-4.	1
38	Agarwal P, Vázquez Martínez L, Lenzi EK. <i>Recent Trends in Fractional Calculus and Its Applications</i> . Academic Press, Cambridge, MA, 2024.	1
39	Jin B. <i>Fractional Differential Equations: An Approach via Fractional Derivatives</i> . Springer, Cham, 2021. DOI: 10.1007/978-3-030-76043-4.	1
40	Erneux T. <i>Applied Delay Differential Equations</i> . Springer, New York, 2009.	1
41	Kuang J, Cong Y. <i>Stability of Numerical Methods for Delay Differential Equations</i> . Elsevier, Amsterdam, 2005.	1
42	Smith H. <i>An Introduction to Delay Differential Equations with Applications to the Life Sciences</i> . Springer, New York, 2011.	1
43	Howie JM. <i>Fundamentals of Semigroup Theory</i> . Clarendon Press, Oxford, 1995.	1
44	Clifford AH, Preston GB. <i>The Algebraic Theory of Semigroups</i> . Vols. 1–2, American Mathematical Society, Providence, RI, 1961–1967.	1

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