

DEPARTMENT OF APPLIED MATHEMATICS
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Publication Details

Author(s)	Title	Journal Name/conference	Vol. No	Page No	Year	Indexed in
Merajuddin, S.R.K, Kirmani and Madhukar Sharma	On Imbalance sequences of oriented graphs	Acta Universitatis Apulensis	36	87-99	2013	-----
Merajuddin, S.R.K, Kirmani ,and Pervez Ali	On Self-complementary Chordal Graphs Defined By Single Forbidden Induced Subgraph,	Applied Mathematical Sciences	8	2655 - 2663	2014	Scopus
Merajuddin, S.R.K, Kirmani and Madhukar Sharma	Laplacian spectrum of some classes of self complementary perfect graphs	Journal of Informatics and Mathematical Sciences	5	101-112	2013	Web of Science
KHAN, M.A. & AHMAD, S.	Euler type integral involving generalized Mittag-Leffler Function	Communications of the Korean Mathematical Society	29	479-487	2014	Scopus
AHMAD, S. & KHAN, M.A	A note on the polynomials $\ (x)$,	Society for Special Functions and their Applications	13	62-69	2014	-----
KHAN, M.A., SRIVASTAVA, H.M. & NISAR, K.S.	Some umbral calculus presentations of the Chan-Chyan-Srivastava Polynomials and the Erkus-Srivastava	Polynomials, Proyecciones Journal of Mathematics	33	77-90	2014	-----
KHAN, M.A., KHAN A.H. & SIGNH, M.	Bilinear and Bilateral Generating Functings for the Gauss'	International Journal of Mathematical, Computational,	8	1339-1343	2014	-----

	Hypergeometric Polynomials	Natural & Physical, Electrical and Computer Engineering.				
KHAN, M.A. AND KHAN, M.K.R	Application of Z-transform on a new polynomial set	Georgian Mathematical Journal	20	687-705	2013	Scopus
KHAN, M.A., KHAN A.H., SIGNH, M., & SHARMA, S.	Some Generating Functions for the Gauss' hypergeometric polynomials	Research Today: Mathematical and Computer Sciences	1	3-13	2013	Web of Science
KHAN, M.A., KHAN, A.H. & ABBAS, S.M.	Integral representations of certain polynomials of two variables	Ain-Shams Engineering Journal	4	919-924	2013	Scopus
KHAN, M.A. & AHMAD, S	On some properties of fractional calculus operators associated with generalized Mittag-Leffler function	Thai Journal of Mathematics	11	645-654	2013	Scopus
KHAN, M.A. & AHMAD, S	On some properties of the generalized Mittag-Leffler function	Springer Plus	2	1-9	2013	Web of Science, Scopus
KHAN, M.A., KHAN, A.H. & ABBAS, S.M	On some generating functions of generalized Bateman's and Pasternak's polynomials of two variables	Communications of the Korean Mathematical Society	28	87-105	2013	Scopus
KHAN, M.A., KHAN, A.H. & ABBAS, S.M	A note on pseudo Jacobi polynomials	Ain-Shams Engineering Journal	4	127-131	2013	Scopus
KHAN, M.A., & NISAR, K.S.	On binomial operator representations of some polynomials	Italian journal of Pure and Applied Mathematics	31	15-22	2013	-----
KHAN, M.A., KHAN, A.H. & AHMAD, N	A study of modified Hermite Polynomials of two variables	Pro Mathematica	27	11-23	2013	-----

KHAN, M.A., KHAN, A.H. & ABBAS, S.M	On some generating functions of Jacobi polynomials of three variables	IJAM	3	621-634	2013	-----
M. Saleem, Tanuja Agrawal and Afzal Anees	A study of tumour growth based on stoichiometric principles: a continuous model and its discrete analogue	Journal of Biological Dynamics	8	117-134	2014	Scopus, MedLine, and SCI
M. Bayat, M. Rahimi, M. Saleem, A.H. Mohazzab, I. Wudtke, H. Talebi	One dimensional analysis for magneto-thermo-mechanical response in a functionally graded annular variable thickness rotating disk	Applied Mathematical Modelling	38	4625-4639	2014	Web of Science, SCI and Scopus
Tanjuja Agrawal and M. Saleem	Complex dynamics in a ratio-dependent two-predator one-prey model	Journal of Computational and Applied Mathematics	34	265-274	2014	Web of Science, SCI and Scopus
Tanjuja Agrawal, M. Saleem, and S. K. Sahu	Optimal control of the dynamics of a tumor growth model with Hollings' type-II functional response	Journal of Computational and Applied Mathematics	33	591-606	2013	Web of Science, SCI and Scopus
KHAN, M.A., KHAN, A.H. and AHMAD, N	A note on a new three variable analogue of Hermit Polynomials of II nd kind	International Journal of Applied Mathematics	2		2013	-----
KHAN, M.A., KHAN, A.H. and ABBAS, S.M	A note on pseudo Jacobi polynomials	Ain Shams Engineering Journals	4	127-131	2013	Scopus
S. Husain and Huma Sahper	System of Generalized Resolvent Equations	Int. Math. Forum	11	499-512	2015	-----

	Involving $H(;; :)$ - Cocoercive Operator					
S. Husain, S. Gupta and H. Sahper	Algorithm for solving a new system of generalized nonlinear quasi-variational like inclusions in Hilbert spaces	Chinese Journal of Mathematics	2014	7	2014	-----
S. Husain, H. Sahper and A. Sharma,	Generalized n-tupled fixed Point Theorems for Contractive Rational Type Condition	British Journal of Mathematics and Computer Sciences	4	735-748	2014	Web of Science
S. Husain, S. Gupta and V.N. Mishra	Graph Convergence for the $H(.,.)$ -Mixed Mapping with and Application for Solving the System of Generalized Variational Inclusions	Fixed Point Theory and Application	----	----	2013	-----
S. Husain and S. Gupta	$H((., .), (., .))$ -mixed cocoercive operators with an application for solving variational inclusions in Hilbert spaces	Journal of Function Spaces and Applications	2013	13	2013	SCI and Scopus
S. Husain and Huma Sahper	Generalized n-tupled fixed Point Theorems in Partially Ordered Metric Spaces involving an ICS Map	Advances in Fixed Point Theory	3	476-492	2013	----
S. Husain , S. Gupta and V.N. Mishra	Generalized (\cdot, \cdot, \cdot) -- Cocoercive Operators and Generalized Set-	Journal of Mathematics	2013	10	2013	Scopus

	Valued Variational-Like Inclusions					
S. Husain and S. Gupta	Algorithm for Solving a New system of Generalized Variational Inclusions in Hilbert Spaces	Journal of Calculus of Variations	2013	8	2013	-----
S. Husain , S. Gupta and V. N. Mishra	An existence theorem of solutions for the system of generalized vector quasi-variational-like inequalities	American Journal of Operations Research				Web of Science
Khursheed Ahmad, M. Kamarujjama and M. Ghayasuddin	On generalization of Sister Celine's Polynomials	Palestine Journal of Mathematics	5	105-110	2016	-----
N.U Khan, M. Kamarujjama and M. Ghayasuddin	A generalization of Voigt function involving the Generalized Bessel and Whittaker functions	Palestine Journal of Mathematics	4	313-318	2015	-----
M. Kamarujjama and Waseem A Khan	On Laplace transform of generalized Whittaker function of multivariables	Italian J. Pure and Appl. Mathematics (IJPAM)	32	67-72	2014	Scopus
M. Kamarujjama, N.U Khan and T. Kashmin	On some series representations of Voigt functions	International J. Special Functions & Applications (IJSFA)	2	13-19	2014	-----
M. Kamarujjama and Waseem A Khan	On certain integral transforms and Voigt functions	GAMS J. Mathematics & Mathematical Biosciences	3	14-23.	2013	-----
Khan, Nabiullah ,T. Usman and M. Ghayasuddin	A new class of unified integrals formulas associated with Whittaker functions	New Trends in Mathematical Sciences	4	160-167	2016	----

Khan, Nabiullah and T. Kashmin	On infinite series of three variables involving Whittaker and Bessel functions	Palestine Journal of Mathematics	5	185-190	2016	-----
Khan, Nabiullah, M. Ghayasuddin	Generalization of extended Appell"s and Lauricella"s hypergeometric functions	Honam Mathematical Journal	37	113-126	2015	-----
Khan, Nabiullah ,M. Kamarujjama and M. Ghayasuddin	A generalization of Voigt function involving generalized Whittaker and Bessel functions	Palestine Journal of Mathematics	4	313-318	2015	-----
Khan, Nabiullah, J.Choi and M. Ghayasuddin	Generalized extended Whittaker function and its properties	Applied Mathematical Sciences	9	6529-6541	2015	Scopus
Khan, Nabiullah, M. Ghayasuddin, Waseem.A.Khan and Sarvat Zia	Certain unified integral involving generalized Bessel-Maitland function, (with	South East J. Math. and Math. Sci.	11	27-36	2015	-----
Khan, Nabiullah ,T. Kashmin	Some transformations of multiple hypergeometric series of Lauricella"s function of n-variables	Journal of physical sciences and applications	5	82-86	2015	
Khan, Nabiullah, T. Kashmin	Transformation of Whittaker functions of three variables	Journal of Ramanujans Society of Mathematics and Mathematical Sciences	4	1-8	2015	-----
Khan, Nabiullah, Waseem.A.Khan and Sarvat Zia	A note on Hermite poly-Bernoulli numbers and polynomials of the second kind	Turkish Journal of Analysis and Number Theory	3	120-125	2015	

Khan, Nabiullah , M. Kamarujjama and T. Kashmin	On some series representations of Voigt functions	International journal of special functions and applications	2	13-19	2014	-----
Khan, Nabiullah, Waseem A. khan and M. Kamarujjama	Some transformation of hypergeometric series of two and three variables	International Journal of Applied mathematics (IJAM)	3	635-642	2013	-----
Subuhi Khan ,Ghazala Yasmin, and Naeem Ahmad	A note on truncated exponential based Appell Polynomials	Bulletin Malaysian Math. Sciences Society	----	----	2014	SCI and Scopus
Ghazala Yasmin, Subuhi Khan and Naeem Ahmad	Operational methods and truncated exponential – based Mittag-Leffler polynomials	Mediterranean journal of Math	---	---	2014	SCI and Scopus
Subuhi Khan, Ghazala Yasmin and Mumtaz Riyasat	Certain results for the 2-variable Apostol type and related polynomials	Computers & Mathematics with Applications	69	1367-1382	2015	Web of Science , SCI and Scopus
Ghazala Yasmin	Summation formulae for multi-variable Hermite matrix polynomials	Afrika Matematika			2014	Scopus
Ghazala Yasmin	Some properties of Legendre-Gould Hopper polynomials and operational methods	Journal of Mathematical Analysis and Applications	413	84-99	2014	SCI and Scopus
Ghazala Yasmin	Some properties of generalized Gegenbauer matrix polynomials	International Journal of Analysis	---	----	2014	-----

Subuhi Khan, Ghazala Yasmin, and Naeem Ahmad	On a new family related to truncated exponential and Sheffer polynomials	Journal of Mathematical Analysis and Applications	418	921-937	2014	SCI and Scopus
Ghazala Yasmin and Subuhi Khan	Hermite matrix based polynomials of two variables and Lie algebraic techniques	South East Asian Bulletin of Mathematics	38	603-618	2014	----
Ghazala Yasmin	Bilateral generating relations for multi-variable and mixed-type special polynomials	International Journal of Mathematical Science and Applications	3	219-231	2013	----
Ghazala Yasmin	Multiplication theorems for multi-variable and multi-index Bessel functions	International Journal of Applied Mathematical Research	2	408-417	2013	----
Sabiha Tabassum	On some New I-Convergent Double Sequence Spaces of Invariant Means	Africa Mathematica	26	1697-1708	2015	Scopus
Sabiha Tabassum	On some Zweier I-Convergent Double Sequence Spaces Defined by Orlicz Function	Analysis	---	----	2014	Scopus
Sabiha Tabassum	Pre Cauchy Double Sequences and Orlicz Functions, , 52-56, 2013	Engineering Scientific Research	---	52-56	2013	Web of Science
Sabiha Tabassum	On Ideal Convergent Difference Double Sequence Spaces in Normed Spaces defined	Theory and Applications of Mathematics and Computer Science	----	----	2013	----

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