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Publications

Experience

Research Interest

Teaching

Publications

Resume

2024

| | |
|---|---|
| 1 | On the isolated points of the operators satisfying absolute condition inequality Rendiconti del Circolo Matematico di Palermo <i>This link is disabled.</i> , 2024, 73(3), pp. 1217–1230 |
| 2 | Enhanced Young-type inequalities utilizing Kantorovich approach for semidefinite matrices. <i>Open Mathematics This link is disabled.</i> , 2024, 22(1), 2023-0185 |
| 3 | Rough statistical convergence and rough ideal convergence in random 2-normed spaces. <i>Filomat This link is disabled.</i> , 2024, 38(3), pp. 979–996 |
| 4 | Certain Inequalities Related to the Generalized Numeric Range and Numeric Radius That Are Associated with Convex Functions. Journal of Mathematics. Volume 2024 Article ID 4087305 https://doi.org/10.1155/2024/4087305 .. |

2023

| | |
|---|---|
| 1 | New Versions Of Refinements And Reverses Of Young Type Inequalities With The Kantorovich Constant, <i>Special Matrices</i> , 11(1) (2023), 1-23. (With Feras Bani-Ahmad). |
| 2 | Regarding the Ideal Convergence of Triple Sequences in Random 2-Normed Spaces , <i>Symmetry</i> 15(11):1983 DOI: 10.3390/sym15111983 |
| 3 | An estimate for the numerical radius of the Hilbert space operators and a numerical radius inequality , <i>AIMS Mathematics</i> 8(11):26384-26405 DOI: 10.3934/math.20231347 |
| 4 | Orthogonal cone metric spaces with Banach algebras and fixed point theorems of generalized Lipschitz mappings, <i>ordan Journal of Mathematics and Statistics (JJMS)</i> , 16(2), 2023, pp 285 – 307 DOI: 10.47013/16.2.7 . |
| 5 | Mohammad H. M. Rashid. 2023. "On the Ideal Convergent Sequences in Fuzzy Normed Space" <i>Symmetry</i> 15, no. 4: 936. https://doi.org/10.3390/sym15040936 . |
| 6 | Spectral properties for classes of operators related to Perinormal operators, <i>Palestine Journal of Mathematics</i> , Vol 12(3), 2023 , pp. 484–511. |
| 7 | Fuzzy contractor and nonlinear operator equation in fuzzy normed space. <i>Novi Sad Journal of Mathematics</i> . 2023, 53(2), pp. 31–55 |
| 8 | An estimate for the numerical radius of the Hilbert space operators and a numerical radius inequality. <i>AIMS Mathematics</i> This link is disabled. , 2023, 8(11), pp. 26384–26405 |
| 9 | THE STABILITY OF PROPERTY (gt) UNDER PERTURBATION AND TENSOR PRODUCT. <i>Operators and Matrices</i> This link is disabled. , 2023, 17(2), pp. 259–277 |

2022

| | |
|---|---|
| 1 | Passage of property (t) from two operators to their tensor product, <i>Palestine Journal of Mathematics</i> 11 (3), 237–248 (2022). |
| 2 | A NOTE ON CLASS $\mathcal{P}\text{-}\mathcal{S}\text{-}\mathcal{W}\text{A}(\mathcal{S},\mathcal{T})$ OPERATORS, <i>FILOMAT</i> , Vol 36, No 5 (2022) . |
| 3 | CONTINUITY OF SPECTRA ON CLASS OF $\mathcal{P}\text{-}\mathcal{W}\text{A}(\mathcal{S},\mathcal{T})$ OPERATORS, <i>FILOMAT</i> , Vol 36, No 8 (2022). (with M CHO, T PRASAD, K TANAHASHI, A UCHIYAMA) |
| 4 | Some generalized numerical radius inequalities for Hilbert space operators, <i>Journal of Mathematical Inequalities</i> , Vol (16) , No. 2 , 541-560. . (With N Altawil) |
| 5 | YOUNG TYPE INEQUALITIES AND REVERSES FOR MATRICES, <i>MATEMATICKI VESNIK</i> , 74, 3 (2022), 163–173 September 2022. |
| 6 | THE FUGLEDE-PUTNAM THEOREM AND QUASINORMALITY FOR CLASS $\mathcal{p}\text{-}\mathcal{W}\text{A}(\mathcal{s},\mathcal{t})$ OPERATORS, <i>European Journal of Pure and Applied Mathematics</i> , 15(3), 1067–1089. (With N Altawil) |
| 7 | A new generalization of Young Type inequality and Applications, <i>Hacettepe Journal of Mathematics and Statistics</i> , Volume 51 (5) (2022), 1371 – 1378. DOI : 10.15672/hujms.973596. (with Najwa Snaid) |
| 8 | Fixed point results for contractive mappings in fuzzy metric spaces and its applications , <i>Journal of Intelligent & Fuzzy Systems</i> , 43(6) (2022), 8021-8040 (With Nifeen Hussain Altaweel). |

2021

| | |
|---|--|
| 1 | WEYL TYPE THEOREMS FOR ALGEBRIACALLY CLASS - OPERATORS MHM Rashid, T Prasad, Facta Universitatis, Series: Mathematics and Informatics, 575-584. (With T. Prasad) |
| 2 | Variations of Weyl Type Theorems for Upper Triangular Operator Matrices MHM Rashid, Acta Mathematica Vietnamica, 1-17 |
| 3 | <u>Tensor product and variants of Weyl's type theorem for pw-hyponormal operators</u> MHM Rashid, Methods of Functional Analysis and Topology 27 (01), 88-102 |
| 4 | Numerical Range of Generalized Aluthge Transformation, M.H.M. Rashid, N. H. Altaweel, Vol. 32 (no 5, Year 2021) of INFORMATICA JOURNAL. |

2020

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|---|---|
| 1 | Spectrum of k-quasi-class A_n operators, <i>New Zealand Journal of Mathematics</i> , Volume 50 (2020), 61–70. |
| 2 | Weyl Type Theorem and the Fuglede Property , International Journal of Physical and Mathematical Sciences 14 (9), 107-110 |
| 3 | COMMON FIXED POINT THEOREM FOR OCCASIONALLY WEAKLY COMPATIBLE MAPPINGS IN PROBABILISTIC METRIC SPACES MHM RASHID, Electronic Journal of Mathematical Analysis and Applications 8 (2), 261-271 (With S.A. ALMAHADIN) |
| 4 | Property of upper triangular operator Matrices , Tamkang Journal of Mathematics 51 (2), 81-99 |
| 5 | Fixed point Theorems for Non-self mappings with nonlinear contractive condition in strictly convex FCM-spaces , Journal of the Indonesian Mathematical Society 26 (1), 1-21 |
| 6 | A CONVEXITY IN FUZZY METRIC SPACE AND NONEXPANSIVE MAPPINGS , informatica, 31(11) (2020), 1-16. |

2019

| | |
|---|--|
| 1 | Power Inequalities For the Numerical Radius of Operators in Hilbert Spaces, Khayyam Journal of Mathematics, DOI: 10.22034/kjm.2019.84204. |
| 2 | TOPOLOGICAL DEGREE THEORY IN FUZZY METRIC SPACES, ARCHIVUM MATHEMATICUM (BRNO) , Tomus 55 (2019), 83–96 |
| 3 | FUGLEDE–PUTNAM THEOREM AND QUASISIMILARITY OF CLASS p-$wA(s,t)$ OPERATORS , Operators and Matrices Volume 13, Number 1 (2019), 293–299. doi:10.7153/oam-2019-13-19. (with M CHO, T PRASAD, K TANAHASHI, A UCHIYAMA) |

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| 4 | PASSAGE OF PROPERTY (Bw) FROM TWO OPERATORS TO THEIR TENSOR PRODUCT, Math. J. Okayama Univ. 61 (2019), 187–198 |
| 6 | Generalized Fuglede-Putnam Theorem and m-quasi-class $A(k)$ operators, FACTA UNIVERSITATIS (NIS) Ser. Math. Inform. Vol. 34, No 1 (2019), 73–84 https://doi.org/10.22190/FUMI1901073R |
| 7 | Upper Triangular Operator Matrices, SVEP and PROPERTY (w), Acta Math Vietnam (2019). https://doi.org/10.1007/s40306-018-00307-0 |
| 8 | Stability of Property (gm) under Perturbation and Spectral Properties Type Weyl Theorems, World Academy of Science, Engineering and Technology International Journal of Physical and Mathematical Sciences Vol:13, No:2, 2019 |
| 9 | Subscalarity of k -quasi-class A operators, Methods of Functional Analysis and Topology Vol. 25 (2019), no. 2, pp. 177–188 |
| 10 | Fixed point theorems for multi-valued mappings in probabilistic metric spaces, 2019 (2019), Article ID 11 (28 June, 2019) |
| 11 | Perturbations and zero points for equations with accretive mappings in fuzzy normed spaces, Divulgaciones Matematicas Vol. 20, No. 1(2019), pp. 39-56. (With Faisal Al-kasasbeh) |

2018

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| 1 | Passage of property (aw) from two operators to their tensor product, Kragujevac Journal of Mathematics Volume 42(3) (2018), Pages 389–398. |
| 2 | Weyl's theorem and Putnam's inequality for class $p-wA(s, t)$ operators January 2018, Acta Scientiarum Mathematicarum 84(34):573-589 DOI: 10.14232/actasm-017-020-y (with M CHO, T PRASAD, K TANAHASHI, A UCHIYAMA) |
| 3 | Generalized Weyl's theorem and property (gw) for upper triangular operator matrices, Arab. J. Math. (2018). https://doi.org/10.1007/s40065-018-0220-x (ISI) |
| 4 | Common fixed points for weakly compatible mappings in multiplicative cone metric spaces, JFPT, 2018 (2018), Article ID 6 (4 April, 2018) |
| 5 | PROPERTY(m) UNDER PERTURBATIONS, Gulf Journal of Mathematics, Vol (10)-2018 |
| 6 | CLASS $p-wA(s, t)$ OPERATORS AND RANGE KERNE ORTHOGONALITY, Scientiae Mathematicae Japonicae, |
| 7 | On commutator of generalized Aluthge transformations and Fuglede–Putnam theorem, Positivity, DOI: 10.1007/s11117-018-0574-5, 2018. (With K. Tanahashi). |
| 8 | Some invariant subspaces for w-hyponormal operators March 2018, Linear and Multilinear Algebra DOI: 10.1080/03081087.2018.1455803 |

2017

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| 1 | Property (aBw) and Weyl Type Theorems, <i>Acta Math Vietnam</i> (2017) 42: 747. https://doi.org/10.1007/s40306-017-0222-3 |
| 2 | Tensor product and property (b), <i>Period Math Hung</i> (2017) 75: 376. https://doi.org/10.1007/s10998-017-0207-y |
| 3 | Quasinormality and Fuglede-Putnam theorem for (s, p)-w-hyponormal operators, <i>Linear and Multilinear Algebra</i> Volume 65, 2017 - Issue 8 |
| 4 | Quasinormality and Fuglede-Putnam Theorem for w -Hyponormal Operators, Thai Journal of Mathematics , Volume 15 Number 1 |
| 5 | IDEAL CONVERGENCE IN 2-FUZZY 2-NORMED SPACES, <i>Haceteppe J.Math. Stat.</i> 46(1) (2017), 149-162. " (with Ljubisa D.R. Kocinac) |
| 6 | Minimax Theorems in Fuzzy Metric Spaces, <i>Computational and Applied Mathematics</i> to appear, DOI: 10.1007/s40314-017-0417-1. (ISI) |
| 7 | On the M -power class N operators, <i>Electronic Journal of Mathematical Analysis and Applications</i> , Vol. 5(2) July 2017, pp. 47--52. |
| 8 | On ideal convergence of double sequences in the topology Induced By A Fuzzy 2-Norm" (with Ljubisa D.R. Kocinac) Vol. 8, No.1, 2017 issue of the "TWMS JPAM". |
| 9 | ON OPERATORS SATISFYING $T^{*m} (T^* T ^{2k} T)^{1/(k+1)} T^m \geq T^{*m} T ^2 T^m$, Communications of the Korean Mathematical Society , Vol. 32, No. 3 (2017), 661—676 (ISI) |
| 10 | On quasi-star class (A, k) operators , <i>Nonlinear Analysis Forum</i> 22(1), pp. 45–57 |
| 11 | OME FIXED POINT THEOREMS IN GENERATING SPACES OF QUASI-METRIC FAMILY, <i>Archivum Mathematicum</i> , Volume 53, No.3 |
| 12 | (With Ekrem Savas) Minimization Theorems In FM-Spaces, <i>Journal of Mathematical Analysis</i> ISSN: 2217-3412, URL: www.ilirias.com/jma Volume 8 Issue 6 (2017), Pages 155-168.(ISI) |
| 13 | Preservation of Property (w) Under Perturbations, <i>Journal of Advanced Mathematics and Applications</i> Vol. 6, 1–7, 2017 (ISI) |
| 14 | SOME RESULTS ON TOTALLY n -*-PARANORMAL OPERATOR, <i>Gulf Journal of Mathematics</i> , Vol 5, No.3 |
| 15 | Putnam's Inequality for quasi- \ast -class $\$A\$$ operators, <i>Acta Mathematica Academiae Paedagogicae Nyiregyháziensis</i> , 34(1), 2018 |
| 16 | A COMMON FIXED POINT THEOREM IN STRICTLY CONVEX FM-SPACES, <i>Commun. Optim. Theory</i> 2017 (2017), Article ID 19 |
| 17 | CLASS p - $wA(s,t)$ OPERATORS AND RANGE KERNEL ORTHOGONALITY, <i>SCIENTIAE MATHEMATICAE JAPONICAE</i> , e-2017 Whole Number 30 (with T. PRASAD, M. CHO , K. TANAHASHI AND A. UCHIYAMA) |

2016

| | |
|---|--|
| 1 | Stability of Versions of the Weyl-Type Theorems Under the Tensor Product, <i>Ukrainian Mathematical Journal</i> , Volume 68, Issue 4(2016), pp 612—624. (With T. Prasad)(ISI) |
| 2 | Generalized a -Browder's and Generalized a -Weyl's Theorems for Banach Space, <i>Turkish Journal of Analysis and Number Theory</i> , Vol. 4, No. 5, 2016, pp 146-154. doi: 10.12691/tjant-4-5-5. |
| 3 | Spectrum of class $p - wA(s, t)$ operators, <i>Acta Sci. Math. (Szeged)</i> 82:3-4(2016), 641--649. (with Muneo Cho, Kotaro Tanahashi, and Atsushi Uchiyama). |

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| 4 | On n -* -PARANORMAL OPERATORS, <i>Commun. Korean Math. Soc.</i> 31 (2016), No. 3, pp. 549—565. http://dx.doi.org/10.4134/CKMS.c150195 pISSN: 1225-1763 / eISSN: 2234-3024. (ISI) |
| 5 | Quasinormality and Fuglede-Putnam theorem for (s, p) - w -hyponormal operators, <i>Linear and Multilinear Algebra</i> , Pages 1-17 Received 05 Jun 2016, Accepted 10 Oct 2016, Published online: 24 Oct 2016, http://dx.doi.org/10.1080/03081087.2016.1248346 . (ISI) |
| 6 | On k -quasi-* -paranormal operators, <i>Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas</i> , 110 (2) (2016), pp:655--666, DOI 10.1007/s13398-015-0255-1. (ISI) |
| 7 | Quasinormality and Fuglede-Putnam Theorem for sw -Hyponormal Operators, <i>Thai Journal of Mathematics</i> , Volume x (20xx) Number x : xx-xx http://thaijmath.in.cmu.ac.th ISSN 1686-0209. (ISI) |
| 8 | Some Results on Fuzzy Metric Spaces, <i>Int. J. Open Problems Compt. Math.</i> , Vol. 9 , No. 4, December, 2016, ISSN 1998-6262. |
| 9 | Hicks Type Contractions and SB-type Contractions in Fuzzy Metric Spaces, <i>MAYFEB Journal of Mathematics</i> Vol 3 (2016) - Pages 16-23. |

2015

| | |
|---|--|
| 1 | On absolute-$(p; r)$-* -paranormal operators , <i>South Asian Journal of Mathematics</i> 2015, Vol. 5 (5) : 214-222 |
| 2 | On an elementary operator with M-hyponormal operator entries , <i>Mathematische Nachrichten</i> , Volume 288, Issue 5-6, pages 670–679, April 2015. (ISI) |
| 3 | (With T. Prasad) Weyl type theorems for algebraically Quasi-HNP operators , <i>Annals of Functional Analysis</i> , Volume 6, Number 3 (2015), 262-274. (ISI) |
| 4 | (With T. Prasad) Property (S_w) for bounded linear operators , <i>Asian-European J. Math.</i> 08, 1550012 (2015) [14 pages] DOI 10.1142/S1793557115500126. (ISI) |
| 5 | On a Class of Operators Related to generalized Paranormal Operators , <i>Electronic Journal of Mathematical Analysis and Applications</i> , Vol. 3(1) Jan. 2015, pp.24-36. |
| 6 | (With T. Prasad) Property (B_{gw}) and Perturbations , <i>Annals of the Alexandru Ioan Cuza University - Mathematics</i> . ISSN (Online) 1221-8421, DOI: 10.2478/aicu-2014-0049 (ISI) |
| 7 | Polaroid Operators with SVEP and Perturbations of Property (gaw) , <i>Annals of the Alexandru Ioan Cuza University - Mathematics</i> . ISSN (Online) 1221-8421, DOI: 10.1515/aicu-2015-0013 , March 2015. (ISI) |
| 8 | On an Elementary Operator with p-w-Hyponormal Operator Entries , <i>Asian Journal of Mathematics and Computer Research</i> , 2015 - Volume 5 [Issue 4], pages 234-246. |

2014

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| 1 | Property (t) and Property (gt) for bounded linear operators , <i>Mediterranean Journal of Mathematics</i> , May 2014, Volume 11, Issue 2, pp 729-744 (ISI) |
| 2 | Property (S) and Property (gS) for bounded linear operators <i>Filomat</i> , Vol 28, No 8 (2014), pp.1641 – 1652 (ISI) |

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| 3 | On Property (gw1) , Hacettepe Journal of Mathematics and Statistics, Volume 43 (4) (2014), 603 – 611. (ISI) |
| 4 | (With T. Prasad) The stability of property (gw) under compact perturbation , <i>Acta Mathematica Vietnamica</i> , September 2014, Volume 39, Issue 3, pp 325-336 (ISI) |
| 5 | Quasinilpotent Part of w-Hyponormal Operators , <i>Open Access Library Journal</i> 1 2014, DOI: 10.4236/oalib.1100548 , PP. 1-15. |
| 6 | (With A. Al-omari) Existence solution of natural fractional differential equation via fractional operator , Miskolc Mathematical Notes , Vol. 15 (2014), No. 2, pp. 691–709 (ISI) |

2013

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| 1 | M.H.M.Rashid (With T. Prasad) Property (Bb) and Tensor product , Filomat 27:7 (2013), 1297–1303, DOI 10.2298/FIL1307297R (ISI) |
| 2 | Rashid, M.H.M "Property (m) for Bounded Linear Operators", <i>Jordan Journal of Mathematics and statistics</i> 2013, 6(2), 81-102. |
| 3 | Rashid, M. H. M. " Properties (B) and (gB) for Bounded Linear Operators. " <i>Journal of Mathematics</i> 2013 (2013). (Scopus) |
| 4 | Rashid, M. H. M. "Generalized Weyl theorem and tensor product." <i>Ukrainian Mathematical Journal</i> 64.9 (2013): 1464-1474. (ISI) |
| 5 | M. H.M. Rashid. property (aw) and perturbations. Source: <i>Bull. Belg. Math. Soc. Simon Stevin</i> Volume 20, Number 1 (2013), 1-18. (ISI) |
| 6 | M. H. M. RASHID, Weyl's Type Theorem and a Local Growth Condition <i>Bull. Malays. Math. Sci. Soc. (2)</i> 36(2) (2013), 333–342 (ISI) |
| 7 | M.H.M.Rashid (with PRASAD, T.) VARIATIONS OF WEYL TYPE THEOREMS. <i>Ann. Funct. Anal</i> , 2013, 4.1: 40-52. (ISI) |
| 8 | M.H.M.RASHID(With A.Al-omari): EXISTENCE RESULTS FOR FRACTIONAL IMPULSIVE INTEGRO-DIFFERENTIAL EQUATIONS WITH NONLOCAL CONDITION , <i>Jordan Journal of Mathematics and Statistics</i> (JJMS) 6(1) (2013): pp.37 – 60. |
| 9 | M.H.M.Rashid : Extended Weyl theorems and perturbations, <i>Methods Functional Analysis and Topology</i> , vol. 19, no. 1, 2013, pp. 80-96. |

2012

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| 1 | Class $wA(s,t)$ operators, <i>Portugallae Mathematica</i> , Volume 69, Issue 4, (2012), pp. 305—320. DOI:10.4171?PM/1919. (ISI) |
| 2 | "Weyl's type theorems and hypercyclic operators." <i>Acta Mathematica Scientia</i> 32.2 (2012): 539-551. (ISI) |
| 3 | "Several properties on quasi-class A operators." <i>Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica</i> Vol. 20(1), 2012, 345–354. (ISI) |

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| 4 | "Weyl's theorem for algebraically wF (p, r, q) operators with p, r > 0 and q ≥ 1." <i>Ukrainian Mathematical Journal</i> (2012): 1-12. (ISI) |
| 5 | M. H. M. Rashid (With M.S.M. Noorani) Weyl's type theorems for algebraically (p, k) - quasi-hyponormal operators(ENG), <i>Communications of the Korean Mathematical Society</i> (Vol.27 NO.1 / 2012). (ISI) |
| 6 | M. H. M. Rashid, An Extension of Fuglede-Putnam Theorem for w-Hyponormal Operators. <i>Afr. Diaspora J. Math.</i> 14 (2012), no. 1, 106-118. (Scopus) |
| 7 | M. H. M. Rashid, Explicit bounds on retarded Gronwall-Bellman inequality, <i>Tamk. J. Math</i> 43 (1) (2012) 99-108 (ISI) |

2011

| | |
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| 1 | Property (gb) and perturbations". " <i>Journal of Mathematical Analysis and Applications</i> 383.1 (2011): 82-94. (ISI) |
| 2 | "PROPERTY (ω) AND QUASI-CLASS (A, k) OPERATORS." <i>Rev. Un. Mat. Argentina</i> 52 (2011): 1 . (ISI) |
| 3 | "Property $(\{gw\})$ and perturbations." <i>Bulletin of the Belgian Mathematical Society-Simon Stevin</i> 18.4 (2011): 635-654. (ISI) |
| 4 | "WEYL TYPE THEOREMS AND CLASS A (s, t) OPERATORS." <i>Mathematical Inequalities I & Applications</i> Volume 14, Number 3 (2011), 581–594 .(ISI) (with H.Zguitti). (ISI) |
| 5 | (with A.Al-omari) Local and global existence of mild solutions for impulsive fractional semilinear integro-differential equation, <i>Communications in Nonlinear Science and Numerical Simulation - COMMUN NONLINEAR SCI NUMER SI</i> , vol. 16, no. 9, pp. 3493-3503, 2011 DOI: 10.1016/j.cnsns.2010.12.043 . (ISI) |

2010

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|---|--|
| 1 | Weyl's Type Theorems for Algebraically w-hyponormal operators, <i>The Arabian Journal for Science and Engineering</i> , Volume 35, Number 1D May 2010, Pages 1–14. (ISI) |
| 2 | Some conditions on non-normal operators imply normality , <i>Thai Journal of Mathematics</i> Volume 8 (2010) Number 1 : 185–192. (ISI) |

2009

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| 1 | Normality in the Fuglede-Putnam Theorem for quasi-class A, <i>amkang J. Math.</i> , Volume 40, Number 3(2009), 307-312, (ISI) |
| 2 | Semilinear fractional integro-differential equations with compact semigroup, <i>Non-linear Analysis: Theory, Methods & Applications</i> Volume 71, Issue 12, 15 December 2009, (ISI) |
| 3 | On a Common Fixed Point for Compatible Mappings of Type (A), <i>World Applied Sciences Journal</i> 7 (Special Issue of Applied Math): 14-18, 2009. (ISI) |

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| 4 | Some Applications of the co-hyponormal operators , <i>Jordan Journal of Mathematics and Statistics (JJMS)</i> 2 (1), 2009, pp. 33-42 . |
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2008

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| 1 | On the Spectra of Some Non-Normal Operators , <i>Bull. Malays. Math. Sci. Soc. (2)</i> 31(2) (2008), 135–143. (ISI) |
| 2 | On the generalized Fuglede-Putnam Theorem , <i>Tamkang J. Math.</i> , 39(3) (2008), 239-246. (ISI) |
| 3 | Generalized Weyl's theorem for log-hyponormal operators , <i>Malaysian J. Math. Sci.</i> , 2(1) (2008), 73-82. (Scopus) |
| 4 | Weyl's Type Theorems for Quasi-Class A Operators , <i>J. Math & Stat.</i> 4 (2) (2008), 70-74.(ISI) |
| 5 | Weyl's type theorems for algebraically Class A operators , <i>General Math.</i> , 16(3)(2008), 99-117. |

2007

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| 1 | Some results of (p,k)-quasihyponormal operators , <i>Far East Journal Mathematical Sciences (FJMS)</i> Volume 27, Issue 2, Pages 431 - 442 (November 2007) (Scopus) |
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2006 - 2003

| | |
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| 1 | On the Positive Definite Matrices , <i>Mu'tah Lil-Buhuth wad-Dirasat</i> , Vol.20 No.3,2005, pp. 77-88. |
| 2 | On the product of probabilistic metric space , <i>Mu'tah Lil-Buhuth wad Dirasat</i> , Vol.21, No.3,2006,31-41. |
| 3 | On the Forms of metric functions , <i>Dirasat, Pure science</i> , Vol.33, No.2, 2006, 209-216. |

Accepted Papers

| | |
|---|--|
| 1 | Non-expansive multi-valued mappings and convexity in fuzzy metric space, Sahand Communications in Mathematical Analysis to appear. |
| 2 | Fuzzy Contractor and Nonlinear Operator Equation in fuzzy normed spaces, Novi Sad Journal of Mathematics to appear. |
| 3 | Relations between $(B^{\frac{\delta}{2}}A^{\alpha} B^{\frac{\delta}{2}})^{\frac{q\delta}{p+\delta}} \geq B^{\delta q}$ and $A^{q\gamma} \geq (A^{\frac{\gamma}{2}}B^{\delta}A^{\frac{\gamma}{2}})^{\frac{q\gamma}{\gamma+\delta}}$ and their applications, <i>ordan Journal of Mathematics and statistics</i> to appear. |
| 4 | operator inequalities involved improved Young and its reverses inequalities, Boletim da Sociedade Paranaense de Matemática to appear. |

Editorial Board Member

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| 1 | Mutah Journal of Natural, Applied and Health Sciences |
| 2 | International Journal of Mathematical Physics |
| 3 | SCIREA Journal of Mathematics |

Experience

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|---------------------|--|
| 2014-2019 | Head of the department of Mathematics and Statistics. |
| 2018-present | Full-professor /Mu'tah University, Faculty of Science, Dept. of Maths & Stat. |
| 2014-2018 | Associative Prof. /Mu'tah University, Faculty of Science, Dept. of Maths & Stat. |
| 2010 -2014 | Assistant Prof. /Mu'tah University, Department of Mathematics & Statistics. |
| 2003-2010 | Lecturer/ Mu'tah University, Department of Mathematics & Statistics. |
| 1997-2003 | Lecturer/ Al-balaqa University, Al-karak college . |
| 1992-1997 | Lecturer/ Higher Ministry of education. |
| Etc | |

Research Interest

Major field: Operator Theory

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| 1 | Functional Analysis-Operator Theory |
| 2 | Probabilistic Metric Space |
| 3 | Matrix Analysis |

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| 4 | Fractional Calculus |
| 5 | Integro-differential Equations |
| 6 | Inequalities |
| 7 | Fuzzy metric spaces |
| 8 | Fixed point theorems and applications |

Teaching

| # | Course name | Course Number | Level |
|----|---|---------------|----------------|
| 1 | Calculus I | Math 101 | Undergraduate |
| 2 | Calculus II | Math 102 | Undergraduate |
| 3 | Calculus III | Math 201 | Undergraduate |
| 4 | Foundation of Mathematics | Math 150 | Undergraduate |
| 5 | Set Theory | Math 151 | Undergraduate |
| 6 | Ordinary differential Equations | Math 203 | Undergraduate |
| 7 | Linear Algebra I | Math 242 | Undergraduate |
| 8 | Linear Algebra II | Math 342 | Undergraduate |
| 9 | Elementary of Statistics and Statistics | Math 131 | Undergraduate |
| 10 | Biostatistics | Math 238 | Undergraduate |
| 11 | Decimal numbers system | Math 106 | Undergraduate |
| 12 | Elementary of Mathematics | Math 112 | Undergraduate |
| 13 | Applied Mathematics | Math 271 | Undergraduate |
| 14 | Real Analysis I | Math 211 | Undergraduate |
| 14 | Concepts in Mathematics | Math 212 | Undergraduate |
| 15 | Discrete Mathematics | Math202 | Undergraduate |
| 16 | Number Theory | Math 343 | Undergraduate |
| 17 | Functional Analysis | Math 414 | Undergraduate. |
| 18 | Functional Analysis | Math 714 | Graduate |
| 19 | Measure Theory | Math 713 | Graduate |

Supervision

I have supervised more than fifteen Master students in the field of Functional Analysis

Conferences

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| 1 | 4 th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE MATHEMATICS, KUSADASI, TURKEY 11-15 MAY 2017 |
| 2 | 3 rd INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS, BODRUM, TURKEY 19-23 MAY 2016 |

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|---|---|
| 3 | INTERNATIONAL CONFERENCE ON SCIENCE, ICS-AABU-UKM-2012 |
| 4 | Applied Physics and Mathematics, January 2020 in Rome, |
| 5 | Mathematical Physics and Applications, March 2019 in Paris |
| 6 | ICRAPAM 2021 - International Conference on Recent Advances in Pure and Applied Mathematics, Bodrum, Turkey. |
| 7 | Applied Physics and Mathematics, January 2023 in London. |

Qualifications

| Certificate | Special Field | General Field | Institute | Place | Date Awarded |
|-------------|------------------------|---------------------|-------------------------------|----------------|--------------|
| Phd | Operator Theory | Pure Mathematics | The National University (UKM) | Bangi/Malaysia | 2009 |
| MSc | Differential Equations | Applied Mathematics | Jordanian University | Amman/ Jordan | 1992 |
| BSc | Mathematics | Mathematics | Yarmouk University | Irbid/ Jordan | 1989 |

THESIS

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|------------------------------------|---|
| Full Title of PHD Thesis | On Extensions of Fuglede-Putnam Theorem and Non-Normal Operators |
| Full Title of Master Thesis | The Decomposition Method with Applications to Differential Equations |

Books Published

| No. | Title of Book | Language | Publisher | Place of Publishing | <i>Publishing Year</i> |
|-----|--|----------|-------------|---------------------|------------------------|
| 1 | Calculus | Arabic | Dar Al-Safa | Jordan | 2001 |
| 2 | Mathematics for information Technology | Arabic | Dar Al-Safa | Jordan | 2002 |
| 3 | Elementary Statistics for Business professionals | Arabic | Dar Al-Safa | Jordan | 2002 |
| 4 | Calculus and Analytic Geometry | Arabic | Dar Al-Safa | Jordan | 2005 |
| 5 | Statistics in Education | Arabic | Dar Al-Safa | Jordan | 2005 |

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|---|--|---------|-------------|--------|------|
| 6 | Foundation In Mathematics | Arabic | Dar Al-Safa | Jordan | 2009 |
| 7 | Calculus I | English | Dar Al-Safa | Jordan | 2010 |
| 8 | A first course in Ordinary DE for Engineering and Science | English | Dar Al-Safa | Jordan | 2011 |
| 9 | Foundation in Statistics and Probability and Processing using SPSS program | Arabic | Dar Al-Safa | Jordan | 2012 |

Books Under Publishing

| | |
|---|------------------------------|
| 1 | A first Course in Set Theory |
| 2 | Calculus II |

Computer Skills

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|---|--|
| 1 | License International Computer Driving (ICDL). |
| 2 | The skill of mathematical typing using Latex. |
| 3 | The skill of programming using Maple. |
| 4 | The skill of using different types of software for graphing. |

Referees

| Name | Email | Rank |
|----------------------------|---------------------------|-----------|
| Prof. Dr. Fuad Kittaneh | fkitt@ju.edu.jo | Professor |
| Prof. Dr. Kotaro Tanahashi | tanahasi@tohoku-mpu.ac.jp | Professor |
| Prof. Dr. Rateb Albtoush | ratebbtoush@ymail.com | professor |