**Publication 2019 :**

1. **Hassan Eltayeb, Imed Bachar and Musa GadAllah,** Solution of singular one-dimensional Boussinesq equation by using double conformable Laplace decomposition method, *Advances in Difference Equations,* (2019) 2019:293, <https://doi.org/10.1186/s13662-019-2230-1>. **(ISI)**

2. **Hassan Eltayeb , Imed Bachar and Adem Kılıçman,** On Conformable Double Laplace

Transform and One Dimensional Fractional Coupled Burgers’ Equation, symmetry**,**

2019, DOI: [10.3390/sym11030417](https://doi.org/10.3390/sym11030417). **(ISI)**

1. **Hassan Eltayeb \*, Yahya T. Abdalla , Imed Bachar and Mohamed H. Khabir**,

Fractional Telegraph Equation and Its Solution by Natural Transform Decomposition Method, symmetry, 2019, DOI: [10.3390/sym11030334](https://doi.org/10.3390/sym11030334). **(ISI)**

1. S. Mesloub and I. Bachar, On a nonlocal 1-D initial value problem for a singular fractional order parabolic equation with Bessel operator, Advances in Difference equations, p 14. 254 **(2019)**. **(ISI)**
2. I. Bachar; S. Mesloub; H. Maagli, Positive solutions of semi-linear problems in an exterior domain of R2, Boundary value problems, P24. 65 **(2019)**. **(ISI)**
3. S. Mesloub; F. Aldosari, Even Higher Order Fractional Initial Boundary Value Problem with Nonlocal Constraints of Purely Integral Type, Symmetry **2019**, 11, 305. **(ISI)**
4. I. Bachar; S. Mesloub; H. Maagli , Existence and Global Asymptotic Behaviour of Singular Positive Solutions for Radial Laplacian. Journal of Function spaces, P9 **(2019). (ISI)**
5. S. Mesloub; M. Aboelrish, Well posedness and numerical solution for a nonlocal pseudohyperbolic initial boundary value problem, International Journal of Computer Mathematics, Doi: 10. 1080/00207160. **(2019)** 1578349.
6. Hussein. M. Sadrawi, Hyponormality on General Bergman spaces. Accepted for publication in the journal Filomat.
7. Hussein. M. Sadrawi , Hyponormality on the Bergman space of an annulus. Accepted for publication in the Revista UMA.
8. **M. Ben Slimane**: On the Baire generic validity of the $t-$multifractal formalism in Besov and Sobolev spaces (with M. Ben Abid, I. Ben Omrane and B. Halouani), Journal of Function Spaces ,  Article 4358261  Published: August (2019)  **(ISI)**
9. **M. Ben Slimane**: Directional multifractal analysis in the $L^p$ setting (with M. Ben Abid, I. Ben Omrane, B. Halouani and Farouq Alshormani), Journal of Function Spaces,  Article 1691903 Published: July (2019)  **(ISI)**
10. **M. Ben Slimane**: Directional thermodynamic formalism (with M. Ben Abid, I. Ben Omrane and B. Halouani), Symmetry-Basel ,  Volume: 11   Issue: 6   Article: 825  Pages: 1-32   Published:  21 June (2019)  **(ISI)**
11. **M. Ben Slimane**: On Wavelet and Leader Wavelet Based Large Deviation Multifractal Formalisms for Non-uniform Hölder Functions (with M. Ben Abid, I. Ben Omrane and B. Halouani), Journal of Fourier Analysis and Applications,  Volume: 25   Issue: 2   Pages: 506-522   Published: APR (2019)  **(ISI)**

**Publication 2018 :**

1. **Hassan Eltayeb and Imed Bachar**, A note on double Laplace decomposition method for solving singular one dimensional pseudo thermo-elasticity coupled system, J. Nonlinear Sci. Appl., 11 (2018), 864–876. **(ISI)**
2. **Hassan Eltayeb, Said Mesloub and Adem Kılıcman**, A note on a singular coupled Burgers equation and double Laplace transform method, J. Nonlinear Sci. Appl., 11 (2018), 635–643. **(ISI)**
3. **Hassan Eltayeb Gadain**, solving coupled pseudo-parabolic equation using a modified double laplace decomposition method, Acta Mathematica Scientia 2018,38B(1):333–346. **(ISI)**
4. S. Mesloub; O. Algahtani, On a singular nonlocal time fractional order mixed problem with a memory term, *Math Meth Appl Sci*. (**2018)**;**41**:4676–4690.
5. M. BLEL & Youssef Ben Cheikh, d-Orthogonality of a generalization of both Laguerre and Hermite Polynomials, Georgian Mathematical Journal, https://doi.org/10.1515/gmj-2018-0043, 2018.
6. **M. Ben Slimane**: Criteria of pointwise and uniform directional Lipschitz regularities on tensor products of Schauder functions (with M. Ben Abid, I. Ben Omrane and B. Halouani), Journal of Mathematical Analysis and Applications, Volume 460

(2018) 496-515 **(ISI)**

1. **Hassan Eltayeb Gadain,** Application of Double Natural Decomposition Method for Solving

Singular One Dimensional Boussinesq Equation, Filomat 32:12 (2018), 4389–4401

<https://doi.org/10.2298/FIL1812389G> **(ISI)**

**Publication 2017 :**

1. **Hassan Eltayeb Gadain,** Nonlinear Singular One Dimensional Thermo-Elasticity Coupled System and Double Laplace Decomposition Methods, Filomat 31:20 (2017), 6269–6280 <https://doi.org/10.2298/FIL1720269G>. **(ISI)**
2. **Hassan Eltayeb, Said Mesloub and Adem Kılıcxman**, Application of double Laplace decomposition method to solve a singular one-dimensional pseudohyperbolic equation, Advances in Mechanical Engineering 2017, Vol. 9(8) 1–9. **(ISI)**
3. **Hassan Eltayeb Gadain and Imed Bachar**, On a nonlinear singular one-dimensional parabolic equation and double Laplace decomposition method, Advances in Mechanical Engineering 2017, Vol. 9(1) 1–7. **(ISI)**
4. **Hassan Eltayeb, Adem Kilicman and Said Mesloub**, Application of the double Laplace Adomian decomposition method for solving linear singular one dimensional thermo-elasticity coupled system**,** J. Nonlinear Sci. Appl., 10 (2017), 278–289. **(ISI)**
5. [Imed Bachar](https://www.hindawi.com/50762841/) and [Hassan Eltayeb](https://www.hindawi.com/45812467/), Lyapunov-Type Inequalities for a Conformable Fractional Boundary Value Problem of Order 3<α≤4, Journal of Function Spaces, DOI: [10.3390/sym11030334](https://doi.org/10.3390/sym11030334). **(ISI)**
6. **Hassan Eltayeb,** Application of double Laplace decomposition method for solving singular one dimensional system of hyperbolic equations, J. Nonlinear Sci. Appl., 10 (2017), 111–121. **(ISI)**
7. S. Mesloub; M. Aboelrish, Well posedness and numerical solution for a nonlocal pseudohyperbolic initial boundary value problem, International Journal of Computer Mathematics, Doi: 10. 1080/00207160. **(2019)** 1578349.
8. **Al-Shaalan, Khalid H.** On commutativity of near-rings with generalized derivations. Indian J. Pure Appl. Math. **48**(2017), no. 2, 259—269ز
9. **M. Ben Slimane**: Mixed Wavelet Leaders Multifractal Formalism in a Product of Critical Besov Spaces (with M. Ben Abid, I. Ben Omrane and B. Halouani), Mediterranean Journal of Mathematics, Volume 14: 176(2017), 1—20 **(ISI).**
10. **Bachar, I**., Mâagli, H., V.D. Radulescu.: *Positive solutions for suerlinear Riemann-Liouville fractional boundary value problems,* Electronic Journal of Differential Equations, Vol. 2017 (2017), No. 240, pp. 1-16. **(ISI)**
11. **Bachar, I**., Mâagli, H., V.D. Radulescu.: Singular solutions of a nonlinear elliptic

Equation in a punctured domain, Electronic Journal of Qualitative Theory of

Differential Equations (2017), No. **94**, pp. 1–19 **(ISI)**

1. M. Alghamdi. "The behaviour of maximum outcomes in symmetric R&D networks". Journal of informatic and mathematical science, Vol. 9, Issue, 1, pp.1-12, 2017.

1. M. Alghamdi. "Maximum total welfare versus Growth of R&D networks". Journal of mathematics in industry, (2017) 7:11.

1. M. Alghamdi. " Restricting R&D Networks for Maximum Outcomes". International Journal of Innovative Research in Science, Engineering and Technology, Vol 6, Issue 6, 2017.
2. M. Alghamdi. "Different Strategies to Obtain Higher Outcomes". Journal of informatics and mathematical science, Vol. 9, Issue, 1, pp.161-180, 2017.