

GSJ: Volume 10, Issue 3, March 2022, Online: ISSN 2320-9186
www.globalscientificjournal.com

3. S. Ahmed, T. Elzaki, M. Elbadri and M. Mohamed, Solution of Partial Differential Equations by New Double Integral Transform (Laplace - Sumudu Transform), Ain Shams Engineering Journal 2020.
4. S. Alfaqeih, Misirli E., On Double Shehu Transform and Its Properties with Applications, International Journal of Analysis and Applications 2020; 3: 381-395.
5. S. Alfaqeih, T. Ozis, First Aboodh Transform of Fractional Order and Its Properties International Journal of Progressive Sciences and Technologies (IJPSAT) ISSN: 2509-0119. Vol. 13 No. 2 March 2019, pp. 252-256.
6. S. Alfaqeih, T. Ozis, Note on Double Aboodh Transform of Fractional Order and Its Properties, OMJ, 01 (01): 114, ISSN: 2672-7501.
7. R. Chaudhary, S. D. Sharma, N. Kumar and S. Aggarwal, Connections between Aboodh Transform and Some Effective Integral Transforms, International Journal of Innovative Technology and Exploring Coefficients Engineering (IJITEE), 9 (1) (2019) 2278-3075.
8. L. Debnath, The Double Laplace Transforms and Their Properties with Applications to Functional, Integral and Partial Differential Equations, Int. J. Appl. Comput. Math 2016; 2: 223-241.
9. R. Dhunde, G. Waghmare, Double Laplace Transform Method in Mathematical Physics, International Journal of Theoretical and Mathematical Physics 2017; 7(1): 14-20.
10. H. Eltayeb, A. Kilicman, A note on solutions of wave, Laplace's and heat equations with convolution terms by using a double Laplace transform, Applied Mathematics Letters 2008; 21: 1324-1329.
11. S. B. Kiwne, S. M. Sonawane, On the Applications of Laplace - Aboodh Transforms in Engineering Field and Comparison with Sumudu Transform, Global Journal of Pure and Applied Mathematics, 15 (6) (2019) 1079-1101.
12. S. Maitama, W. Zhao, New Integral Transform: Shehu Transform a Generalization of Sumudu and Laplace Transform for Solving Differential Equations, International Journal of Analysis and Applications, 17(2)(2019) 167-190.
13. T. G. Thange, A. R. Gade, On Aboodh Transform for Fractional Differential Operator, Malaya Journal of Matematik, 8 (1) (2020) 225-229.
14. D. Verma, Applications of Laplace Transformation for Solving Various Differential Equations with Variable, IJIRST-International Journal for Innovative Research in Science and Technology, 4 (11)(2018) 2349-6010.

¹ DEPARTMENT OF MATHEMATICS, FACULTY OF EDUCATION AND SCIENCES, ALBAYDHA UNIVERSITY, YEMEN.

E-mail address: hunaiber2021@gmail.com

² DEPARTMENT OF MATHEMATICS, FACULTY OF EDUCATION AND SCIENCES, ALBAYDHA UNIVERSITY, YEMEN

E-mail address: alati2005@yahoo.com