## REZULTATE proiect Aplicații ale analizei matematice în teoria numerelor,optimizare, ecuații diferențiale, alte domenii de cercetare matematică sau multidisciplinară

1. M. Merca: Some notes on the (q; t)-Stirling numbers, Discrete Mathematics, 342(3): 628–634 (2019). IF 0.72856.

2. C. Ballantine, M. Merca: Jacobi’s Four and Eight Squares Theorems and Partitions into Distinct Parts, Mediterranean Journal of Mathematics, 16:26 (2019) IF 1.181

3. M. Merca: On lacunary recurrences with gaps of length four and eight for the Bernoulli numbers, Bulletin of the Korean Mathematical Society, 56(2): pp. 491–499 (2019) IF 0.363

4. M. Merca, M. D. Schmidt: The partition function p(n) in terms of the classical Möbius function, Ramanujan Journal, 49(1): 87–96 (2019) IF 1.010

5. M. Merca: Truncated theta series and Rogers-Ramanujan functions, Experimental Mathematics, online 2019 IF 0.731

6. M. Merca, M. D. Schmidt: Factorization Theorems for Generalized Lambert Series and Applications, The Ramanujan Journal, online 2019 IF 1.010

7. M. Merca: Two symmetric identities involving complete and elementary symmetric functions, Bulletin of the Malaysian Mathematical Sciences Society, online (2019) IF 0.867

8. C. Ballantine, M. Merca: Bisected theta series, least r-gaps in partitions, and polygonal numbers, The Ramanujan Journal, online (2019) IF 1.010

9. M. Merca, J. Katriel: A general method for proving the non-trivial linear homogeneous partition inequalities, The Ramanujan Journal, online (2019) IF 1.010