

Publications

1. Pranabesh Das, Pallab Kanti Dey, Angelos Koutsianas and Nikos Tzanakis; Perfect powers in sum of three fifth powers, **Journal of Number Theory**, 236 (2022), 443-462.
2. Pallab Kanti Dey and Bidisha Roy; Torsion groups of Mordell Curves over cubic and sextic fields, **Publicationes Mathematicae Debrecen**, 99 (3-4) (2021), 275-297.
3. Pranabesh Das, Pallab Kanti Dey, Bibekananda Maji and Sudhansu Sekhar Rout; Perfect powers in alternating sum of consecutive cubes, **Glasnik Matematički. Ser. III**, 55 (75) (2020), 37-53.
4. Pranabesh Das, Pallab Kanti Dey and Sudhansu Sekhar Rout; Sums of weighted fifth powers being a perfect power; a special case, **Journal of the Ramanujan Mathematical Society**, 35 (1) (2020), 23-33.
5. Stephan Baier and Pallab Kanti Dey; Prime powers dividing products of consecutive integer values of $x^{2^n} + 1$, **Research in Number Theory**, 6 (1) (2020), Art. 7, 12 pp.
6. Pallab Kanti Dey and Shanta Laishram; Powerful numbers in product of consecutive integer values of a polynomial, **Publicationes Mathematicae Debrecen**, 94 (3-4) (2019), 319-336.
7. Pallab Kanti Dey and Takao Komatsu; Some identities of Cauchy numbers associated with continued fractions, **Results in Mathematics**, 74 (2) (2019), Art. 83, 11 pp.
8. Pallab Kanti Dey; Torsion groups of a family of elliptic curves over number fields, **Czechoslovak Mathematical Journal**, 69 (1) (2019), 161-171.
9. Pallab Kanti Dey; Elliptic curves with rank zero over number fields, **Functiones et Approximatio Commentarii Mathematici**, 56 (1) (2017), 25-37.
10. Pallab Kanti Dey and Sudhansu Sekhar Rout; Diophantine equations concerning balancing and Lucas balancing numbers, **Archiv der Mathematik**, 108 (1) (2017), 29-43.
11. Pallab Kanti Dey and Bibekananda Maji; Arithmetic progressions on $y^2 = x^3 + k$, **Journal of Integer Sequences**, 19 (7) (2016), Article 16.7.4, 12 pp.
12. Pallab Kanti Dey and Balesh Kumar; An analogue of Artin's primitive root conjecture, **Integers**, 16 (2016), Paper No. A67, 7 pp.
13. Pallab Kanti Dey and R. Thangadurai; The length of an arithmetic progression represented by a binary quadratic form, **American Mathematical Monthly**, 121 (10) (2014), 932-936.