
EULER DETERMINANTS

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ABSTRACT

In 1875, Glaisher systematically found several interesting determinant expressions of numbers, including Bernoulli, Cauchy, and Euler numbers. In this talk, we find several determinants expressing Euler polynomials.

In 2020, Goy and Shattuck presented several determinantal expressions of some families of Toeplitz–Hessenberg matrices with Tribonacci number entries. However, a determinant expression of Tribonacci numbers has not been studied a lot. We give some determinant representations of generalized Tribonacci numbers.

Keywords Euler polynomials · Tribonacci numbers · determinants

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