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- I. **New approach: Solvent effects of benzaldehyde in aliphatic alcohol solvents with FT-IR spectroscopy and augmented vertex-adjacency matrices**
KARA Y. S., KOPARAL S., TEKİN N., ÖMÜR N.
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- II. **On three-dimensional q -Riordan arrays**
Fang G., KOPARAL S., ÖMÜR N., Duran O., Khan W. A.
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- III. **Congruences with q -harmonic numbers and q -binomial coefficients**
Elkhiri L., Koparal S., ÖMÜR N.
Indian Journal of Pure and Applied Mathematics, cilt.55, sa.2, ss.639-648, 2024 (SCI-Expanded)
- IV. **Applications of Catalan Neural Network (CaNN) model**
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International Journal of Modern Physics C, 2024 (SCI-Expanded)
- V. **q -Analogues of $H_{n,m}(\sigma)$ and Their Applications**
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- VI. **Some Identities with Multi-Generalized q -Hyperharmonic Numbers of Order r**
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- VII. **Some congruences with q -binomial sums**
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- VIII. **Some congruences with q -binomial coefficients and q -harmonic numbers**
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- IX. **On q -congruences related to $H_n(x;q)$ and $M_n(x;q)$**
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- X. **Congruences with q -generalized Catalan numbers and q -harmonic numbers**
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- XI. **SOME IDENTITIES FOR DERANGEMENT NUMBERS**
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- XIII. **On congruences related to trinomial coefficients and harmonic numbers**
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 Elkhiri L., KOPARAL S., ÖMÜR N.
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- XV. **Powers Sums of the First and Second Kinds of Chebyshev Polynomials**
 Kılıç E., Koparal S., Ömür N.
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- XVI. **Nonlinear variants of the generalized Filbert and Lilbert matrices**
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- XVIII. **On congruences involving special numbers**
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- XXI. **Some Permanents of Hessenberg Matrices**
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- XXIV. **On congruences related to central binomial coefficients, harmonic and Lucas numbers**
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- XXV. **FORMULAS FOR BINOMIAL SUMS INCLUDING POWERS OF FIBONACCI AND LUCAS NUMBERS**
 Kılıç E., Akkus I., Omur N., ULUTAS Y.
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- XXVI. **SOME CONGRUENCES INVOLVING NUMBERS B (p,k-d)**
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- XXVII. **RIORDAN GROUP APPROACHES IN MATRIX FACTORIZATIONS**
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- XXVIII. **GENERAL SOLUTION TO THE DECIMAL FRACTION OF GENERALIZED FIBONACCI SERIES**
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- XXIX. **On Reciprocal Series of Generalized Fibonacci Numbers with Subscripts in Arithmetic Progression**
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- XXX. **FORMULAS FOR WEIGHTED BINOMIAL SUMS USING THE POWERS OF TERMS OF BINARY RECURRENCES**
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- XXXIII. **Some Finite Sums Involving Generalized Fibonacci and Lucas Numbers**
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- I. **SOME SUMS VIA EULER'S TRANSFORM**
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X. **Diophantine Equations Related with Linear Binary Recurrences**

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- XX. **On hyper-dual generalized Fibonacci numbers**
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- XXII. **Some congruences for sums involving harmonic numbers**
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- XXIII. **ON CONGRUENCES WITH THE TERMS OF THE SECOND ORDER SEQUENCES $\{U-kn\}$ AND $\{V-kn\}$**
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- XXIV. **Some applications of the generalized hyperharmonic numbers of order r , $Hr_n(\alpha)$**
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- XXV. **On the matrices with the generalized hyperharmonic numbers of order r**
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- XXVI. **ON CERTAIN HESSENBERG MATRICES RELATED WITH LINEAR RECURRENCES**
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- XXVII. **Some sums related to the terms of generalized Fibonacci autocorrelation sequences $\{a_{k,n}(t)\}$**
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- XXXII. **On identities for sequences of binomial sums with the terms of sequences $\{u(kn)\}$ and $\{v(kn)\}$**
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- XXXIII. **GENERALIZED BINOMIAL CONVOLUTION OF THE m th POWERS OF THE CONSECUTIVE INTEGERS WITH THE GENERAL FIBONACCI SEQUENCE**
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- XXXIV. **Two Variants of the Reciprocal Super Catalan Matrix**
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- XXXV. **Some congruences related to harmonic numbers and the terms of the second order sequences**
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