

Glossary-Contents

Vandermonde

- BenjaminDresden2007, *A combinatorial proof of Vandermonde's determinant*, Amer. Math. Monthly, Vol. 114, No. 4, 338-341, Apr 2007, [nat>](#)

Vandermonde matrices

- FasinoInglese!992, *On the spectral condition of rectangular Vandermonde matrices*, Calcolo Sep 1992, Vol. 29, Issue 3, 291-300, [gen>](#)
- Oruç2007, *LU factorization of the Vandermonde matrix and its applications*, Applied Math. Letters Vol. 20, Issue 9, Sep 2007, 982–987, [gen>](#)
- Yang S-l.2005, *On the LU factorization of the Vandermonde matrix*, Discrete Applied Math. 146 (2005) 102-105, [gen>](#)
- Yang S-L.You2007, *On a connection between the Pascal, Stirling and Vandermonde matrices*, Discrete Applied Math. Vol. 155, Issue 15, Sep 2007, 2025-2030, [gen>](#)

Vandermonde-like

- Gautshi1983, *The condition of Vandermonde-like matrices involving orthogonal polynomials*, Linear Algebra Appl. 52/53, 293-300 (1983), [gen>](#)

combinatorial theory

- BenjaminDresden2007, *A combinatorial proof of Vandermonde's determinant*, Amer. Math. Monthly, Vol. 114, No. 4, 338-341, Apr 2007, [nat>](#)

LDU decomposition, Cholesky factorization

- Oruç2007, *LU factorization of the Vandermonde matrix and its applications*, Applied Math. Letters Vol. 20, Issue 9, Sep 2007, 982-987, [gen>](#)
- Yang S-l.2005, *On the LU factorization of the Vandermonde matrix*, Discrete Applied Math. 146 (2005) 102-105, [gen>](#)

orthogonal (q-)polynomials

- Gautshi1983, *The condition of Vandermonde-like matrices involving orthogonal polynomials*, Linear Algebra Appl. 52/53, 293-300 (1983), [gen>](#)

Pascal

- Yang S-L.You2007, *On a connection between the Pascal, Stirling and Vandermonde matrices*, Discrete Applied Math. Vol. 155, Issue 15, Sep 2007, 2025-2030, [gen>](#)

Stirling

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