

## Glossary-Contents

## lattice

- Church Jr.1974, *Lattice paths and Fibonacci and Lucas numbers*, Fibonacci Quart. 1974 (12,4): 336-338, [fibqy>](#)
- Dziemianczuk2013, *Generalizing Delannoy numbers via counting weighted lattice paths*, Integers 13 (2013), 1-33, [gen>](#)
- FelsnerHeldt2015, *Lattice path enumeration and Toeplitz matrices*, J. Integer Seq. Vol. 18 (2015), Article 15.1.3, [jis>](#)
- Hennessy2011, *A study of Riordan arrays with applications to continued fractions, orthogonal polynomials and lattice paths*, Thesis-Waterford Institute of Technology (Oct 2011), [gen>](#)
- Lehner2003, *Cumulants, lattice paths, and orthogonal polynomials*, Discrete Math. Vol. 270, Issues 1–3, Aug 2003, 177–191, [gen>](#)
- Nkwanta2003, *A Riordan matrix approach to unifying a selected class of combinatorial arrays*, Congr. Numer. 160 (2003), 33-45, [gen>](#)
- Nkwanta2008, *Lattice Paths, Riordan Matrices and RNA Numbers*, Congr. Numer. 01/2008, [gen>](#)
- Nkwanta2009, *Lattice path and RNA secondary structure predictions*, Fifteenth Conf. for Afri. Amer. Researchers in the Math. Sci-Rice University, June 23-26, 2009, [gen>](#)
- Nkwanta2010, *Riordan matrices and higher-dimensional lattice walks*, J. of Statist. Plann. Inference Vol. 140, Issue 8, Aug 2010, 2321–2334, [jou>](#)
- NkwantaShapiro2005, *Pell walks and Riordan matrices*, Fibonacci Quart. 2005 (43,2): 170-180, [fibqy>](#)
- Stanley1975, *The Fibonacci lattice*, Fibonacci Quart. 1975 (13,3): 215-232, [fibqy>](#)
- SulankeXin2006, *Hankel determinants for some common lattice paths*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)
- Woan2001, *Hankel matrices and lattice paths*, J. Integer Seq. Vol. 4 (2001), Article 01.1.2, [jis>](#)
- Zaremba1970, *A remarkable lattice generated by Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 185-198, [fibqy>](#)

*combinatorial theory*

- Nkwanta2003, *A Riordan matrix approach to unifying a selected class of combinatorial arrays*, Congr. Numer. 160 (2003), 33-45, [gen>](#)

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- Hennessy2011, *A study of Riordan arrays with applications to continued fractions, orthogonal polynomials and lattice paths*, Thesis-Waterford Institute of Technology (Oct 2011), [gen>](#)

## *cumulants*

- Lehner2003, *Cumulants, lattice paths, and orthogonal polynomials*, Discrete Math. Vol. 270, Issues 1–3, Aug 2003, 177–191, [gen>](#)

## *Delannoy*

- Dziemianczuk2013, *Generalizing Delannoy numbers via counting weighted lattice paths*, Integers 13 (2013), 1-33, [gen>](#)

## *Fibonacci*

- Church Jr.1974, *Lattice paths and Fibonacci and Lucas numbers*, Fibonacci Quart. 1974 (12,4): 336-338, [fibqy>](#) Zaremba1970, *A remarkable lattice generated by Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 185-198, [fibqy>](#)
- Zaremba1970, *A remarkable lattice generated by Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 185-198, [fibqy>](#)

## *Hankel*

- Woan2001, *Hankel matrices and lattice paths*, J. Integer Seq. Vol. 4 (2001), Article 01.1.2, [jis>](#)

## *Lucas*

- Church Jr.1974, *Lattice paths and Fibonacci and Lucas numbers*, Fibonacci Quart. 1974 (12,4): 336-338, [fibqy>](#)

## *orthogonal (q-)polynomials*

- Hennessy2011, *A study of Riordan arrays with applications to continued fractions, orthogonal polynomials and lattice paths*, Thesis-Waterford Institute of Technology (Oct 2011), [gen>](#)

## *Riordan arrays*

- Nkwanta2003, *A Riordan matrix approach to unifying a selected class of combinatorial arrays*, Congr. Numer. 160 (2003), 33-45, [gen>](#)

## *paths*

- Dziemianczuk2013, *Generalizing Delannoy numbers via counting weighted lattice paths*, Integers 13 (2013), 1-33, [gen>](#)
- FelsnerHeldt2015, *Lattice path enumeration and Toeplitz matrices*, J. Integer Seq. Vol. 18 (2015), Article 15.1.3, [jis>](#)
- Hennessy2011, *A study of Riordan arrays with applications to continued fractions, orthogonal polynomials and lattice paths*, Thesis-Waterford Institute of Technology (Oct 2011), [gen>](#)
- Nkwanta2008, *Lattice Paths, Riordan Matrices and RNA Numbers*, Congr. Numer. 01/2008, [gen>](#)
- Nkwanta2009, *Lattice path and RNA secondary structure predictions*, Fifteenth Conf. for Afri. Amer. Researchers in the Math. Sci-Rice University, June 23-26, 2009, [gen>](#)

- Nkwanta2010, *Riordan matrices and higher-dimensional lattice walks*, J. of Statist. Plann. Inference Vol. 140, Issue 8, Aug 2010, 2321–2334, [jou>](#)
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### *Toeplitz*

- FelsnerHeldt2015, *Lattice path enumeration and Toeplitz matrices*, J. Integer Seq. Vol. 18 (2015), Article 15.1.3, [jis>](#)