

**Sasamoto, Tomohiro**

**One-dimensional partially asymmetric simple exclusion process with open boundaries: Orthogonal polynomials approach.** (English) Zbl 0962.82020

J. Phys. A, Math. Gen. 32, No. 41, 7109-7131 (1999).

**MSC:**

- 82B20 Lattice systems (Ising, dimer, Potts, etc.) and systems on graphs arising in equilibrium statistical mechanics
- 33D90 Applications of basic hypergeometric functions
- 33D45 Basic orthogonal polynomials and functions (Askey-Wilson polynomials, etc.)
- 82B26 Phase transitions (general) in equilibrium statistical mechanics

Cited in **22** Documents

**Keywords:**

Al Salam-Chihara polynomials;  $q$ -orthogonal polynomials; one-dimensional lattice gases; partially asymmetric simple exclusion process

**Full Text:** [DOI](#)