

**Araki, H.**

**Gibbs states of a one dimensional quantum lattice.** (English) Zbl 0199.28001

*Commun. Math. Phys.* 14, 120-157 (1969).

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**Keywords:**

[quantum theory](#)

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

**References:**

- [1] Araki, H., and E. J. Woods: A complete Boolean lattice of type I factors. *Publ. Res. Inst. Math. Sci. Kyoto Univ. Ser. A*,2, 157–242 (1966). · [Zbl 0169.17601](#) · [doi:10.2977/prims/1195195888](#)
- [2] —, and H. Miyata: On KMS boundary condition. *Publ. Res. Inst. Math. Sci. Kyoto Univ. Ser. A*,4, 373–385 (1968). · [Zbl 0195.28702](#) · [doi:10.2977/prims/1195194881](#)
- [3] — Multiple time analyticity of a quantum statistical states satisfying the KMS boundary condition. *Publ. Res. Inst. Math. Sci. Kyoto Univ. Ser. A*,4, 361–371 (1968). · [Zbl 0195.28701](#) · [doi:10.2977/prims/1195194880](#)
- [4] — A classification of factors II. *Publ. Res. Math. Sci. Kyoto Univ. Ser. A*,4, 585–593 (1968). · [Zbl 0198.17803](#) · [doi:10.2977/prims/1195194819](#)
- [5] Fujiwara, I.: Operator calculus of quantized operator. *Progr. Theoret. Phys.*7, 433–448 (1952). · [Zbl 0048.22107](#) · [doi:10.1143/PTP.7.433](#)
- [6] Galavotti, G., S. Miracle-Sole, and D. W. Robinson: Analyticity properties of the anisotropic Heisenberg model. *Commun. Math. Phys.*10, 311–324 (1968).
- [7] Ginibre, J.: Reduced density matrices of the anisotropic Heisenberg model. *Commun. Math. Phys.*10, 140–154 (1968). · [doi:10.1007/BF01654238](#)
- [8] Greenberg, W.: Correlation functionals of infinite volume quantum spin systems. *Commun. Math. Phys.*11, 314–320 (1969). · [doi:10.1007/BF01645852](#)
- [9] Landford III, O. E., and D. Ruelle: Observables at infinity and states with short range correlation in statistical mechanics. (preprint).
- [10] Powers, R. T.: Representations of uniformly hyperfinite algebras and their associated von Neumann rings. *Ann. of Math.*86, 138–171 (1967). · [Zbl 0157.20605](#) · [doi:10.2307/1970364](#)
- [11] Robinson, D. W.: Statistical mechanics of quantum spin system II. *Commun. Math. Phys.*7, 337–348 (1968). · [Zbl 0162.29304](#) · [doi:10.1007/BF01646665](#)
- [12] Ruelle, D.: Statistical mechanics of a one dimensional lattice gas. *Commun. Math. Phys.*9, 267–278 (1968). · [Zbl 0165.29102](#) · [doi:10.1007/BF01654281](#)
- [13] Streater, R. F.: The Heisenberg ferromagnet as a quantum field theory. *Commun. Math. Phys.*6, 233–247 (1967). · [doi:10.1007/BF01646017](#)
- [14] Wils, W.: Désintégration centrale des formes positives des  $C^*$ -algèbres. (preprint).

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