Accepted Manuscript

Quantum canonical ensemble: A projection operator approach

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PII: S0378-4371(17)30379-5

DOI: http://dx.doi.org/10.1016/j.physa.2017.04.069

Reference: PHYSA 18171

To appear in: Physica A

Received date: 22 December 2016 Revised date: 27 March 2017



Please cite this article as: W. Magnus, et al., Quantum canonical ensemble: A projection operator approach, *Physica A* (2017), http://dx.doi.org/10.1016/j.physa.2017.04.069

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Highlights

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- * quantum canonical ensemble
- * bosons and fermions
- * projection operators
 * partition function, free energy, chemical potential

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