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Raj Kumar Pathria (born March 30, 1933) is a theoretical physicist and an Urdu poet.. Pathria is known for his work on superfluidity in liquid helium, Lorentz transformation of thermodynamic quantities, a rigorous evaluation of lattice sums and finite-size effects in phase transitions.. Pathria is also the author of a graduate textbook, Statistical Mechanics, which has recently appeared in its ...

Raj Pathria - Wikipedia

Pathria (physics, U. of Waterloo) views his subject as an indispensable tool to physics and takes in hand a complete review of the statistical basis of thermodynamics, the elements of ensemble theory, the canonical ensemble, the formulation of quantum statistics, ideal bose and fermi systems, and the statistical mechanics of interacting systems.

Statistical Mechanics / Edition 3 by R K Pathria, Paul D ...

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