



**QUANTUM MOMENT EQUATIONS FOR A ONE-BAND AND A
TWO-BAND kp PAULI-TYPE HAMILTONIAN**

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Abstract

The hydrodynamic moment equations for a quantum system described by a One-Band Pauli type Hamiltonian and a Two-Band kp Pauli type Hamiltonian are derived.

Keywords and phrases: hydrodynamic moment equations, quantum moment equations.

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