

**The Effect of Reduced Spatial Symmetries on Lattice States:  
Results for Non-Zero Linear Momentum**

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Abstract: The irreducible representations of the cubic space group are described and used to determine the mapping of continuum states to lattice states with non-zero linear momentum. The Clebsch-Gordan decomposition is calculated from the character table for the cubic space group. These results are used to identify multiparticle states which appear in the hadron spectrum on the lattice.