

Abstract Submitted
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Parquet formalism applied to pnictide superconductors JUN LIU, KARLIS MIKELSONS, SHUXIANG YANG, HERBERT FOTSO , MARK JARRELL, Louisiana State University — DMFT combined with Parquet approximation is used to study the single particle property of pnictide superconductors (such as FeSe, SrFe₂As₂,...) in an attempt to understand the enhancement of superconductivity under pressure. By tracking the evolution of one-particle spectral function, pressure dependence of this type of compound is studied in depth. In the study, inhomogeneous frequency grid is used to high frequency summation.

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