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A Spectroscopic View of Electron-Phonon Coupling in Two-Dimensional Systems*

E. W. Plummer

University of Tennessee and
Oak Ridge National Laboratory

Abstract:

This presentation will describe a newly developed procedure for extracting the Eliashberg function from the high-resolution, angle-resolved photoemission data. The spectroscopic picture of the phonon obtained with this procedure is compared to experimentally determined surface phonon dispersion and theoretical calculations of the Eliashberg function.

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