

DEHYBRIDIZATION IN CUPRATES

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S u m m a r y

The electronic structure of ScCu_2Si_2 , LaCu_2Si_2 , EuCu_2Si_2 and YbCu_2Si_2 intermetallic compounds was studied by X-ray emission spectroscopy. The evidence is presented that the dehybridization effect is inherent not only in the ternary cuprates of the CeGa_2Al_2 structural type, but also in the compounds of other structural types. This fact implies a large-scale prevalence of the dehybridization phenomenon, which, in particular, is characteristic of the high-temperature superconductors.