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Electronic states and optical transitions in solids / by F. Bassani and G. Pastori Parravicini; ed. by R.A. Ballinger. ISBN: 0080168469 Author: Bassani, F. Parravicini, G. P. Ballinger, R. A. Publisher: Oxford : Pergamon press, 1975. Description: XI, 300 p.: ill. Series: International series of monographs in the science of the solid state 8

Electronic states and optical transitions in solids ...

Spectroscopy is the study of the interaction between matter and electromagnetic radiation as a function of the wavelength or frequency of the radiation. Historically, spectroscopy originated as the study of the wavelength dependence of the absorption by gas phase matter of visible light dispersed by a prism. Matter waves and acoustic waves can also be considered forms of radiative energy, and ...

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Spectroscopy - Wikipedia

Ni is envisaged as a divalent ion which plays little role in the electronic bonding and its 3d levels are localized, lying near the top both of the valence states. This model accounts well for both the valence band XPS data and the low energy optical transitions.

Optical transitions, XPS, electronic states in NiPS3 ...

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