

The approximate calculation of the pressure derivative of the superconducting transition temperature in Al suggests that the model potential also predicts the pressure derivatives of the higher phonon frequencies adequately, and that the strong coupling theory of superconductivity can be used to explain the behaviour of superconductors under pressure. This can only be confirmed accurately by detailed calculations of the electron-phonon coupling function and the superconducting transition temperatures. Such a study is currently being completed.

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