The parameter γ is close to the Gruneisen parameter obtained for the alloy Pd + 50 at.% Rh, for which $\gamma = \gamma_e = 3.6 \pm 0.3$[6]. It is doubtful, however, whether the parameters obtained by us remain valid in such a wide range of concentrations. In general, on the gently-sloping sections of the N(q) curve, it is hardly possible to separate distinctly the effects of the shift and of the deformation, all the more since the shift of the states on the Fermi level, as observed by us, contains an admixture of the deformation effect; this admixture depends on its position in the band.

Thus, the first systematic investigation of the magnetic susceptibility of alloys of transition metals under pressure makes it possible to propose a simple and lucid model of the variations of the spectrum, to determine its parameters, and to obtain, in the case of palladium alloys, information concerning the change of the exchange interaction under pressure.

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