

and form a common potential could be derivative of the agreement between Au alloys is somewhat introduced into the does not account for the Ag-Au alloys. Could be a reflection with concentration. Since of $d \ln \rho_0/d \ln V$ such as the Cu-Ag and Ag are not very strong potentials important for the observed sys.

loys as compared to Au suggests that $\rho^{-1} d\rho/dP$ for the following simplest two terms in (3) since of $\rho^{-1} d\rho/dP$. obtained from Goree of ρ_1 was obtained and obtained from equations should be 300 °K and was of (3) and the prepared for the $c = 0$ and 0.75 alloys. Temperature dependence determined the P . Typically at here $\rho_1^{-1} d\rho_1/dP$ sign, the magnitude a result of the

The difference between the calculated and experimental curve in Fig. 5 can be ascribed to deviations from Matthiessen's rule. The limited accuracy to which the various pressure derivatives can be determined does not allow a very enlightening comparison of the deviations between the different alloys. The significant deviation observed does indicate the importance of considering deviations from Matthiessen's rule in pressure studies of the resistivity of alloys.

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