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SPIN-DENSITY-WAVE EFFECTS IN THE Cr-Al-Mo ALLOY SYSTEM

Electrical resistivity and specific heat measurements on a $(\text{Cr}_{98.5}\text{Al}_{1.5})_{100-\gamma}\text{Mo}_\gamma$ alloy system are reported. The results indicate that antiferromagnetism is fully suppressed to below 2 K in alloys with γ larger than 4.5 at.% Mo. The Sommerfeld electronic specific heat coefficient decreases sharply below this concentration.

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