

DE HAAS-VAN ALPHEN EXPERIMENTS ON Sn-DOPED CeIn₃ – AN INVESTIGATION

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Following previous measurements on pure CeIn₃ [1], an attempt was made to measure the de Haas-van Alphen (dHvA) effect in the Sn-doped alloy. This would have helped to resolve the role of Fermi surface changes on the Sn-dependent phase diagram. The dHvA experiments proved to be unsuccessful, perhaps due to insufficient sample quality.

References

- [1] T. Ebihara *et al.*, Phys. Rev. Lett. **93**, 246401 (2004)