

## Neutron Diffraction Study of Nickel in the Liquid State\*

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### Abstract

The structure of nickel in the liquid state has been studied by neutron diffraction at 1500°C. After calculating the interference function (Fourier analysis), the atomic radial distribution function was evaluated from which interatomic distance and coordination number were obtained.

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\* The 1485th report of the Research Institute for Iron, Steel and Other Metals. Published in the *Physica Status Solidi*, **39** (1970), 181.