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- 研究機関誌—
- 東北大学工学報告 25 (1961) 1
- Study on carbides in iron and steel by electrolytic isolation method. (Report I) T. SATO, et alius...65
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- Spectrographic determination of ferroalloys. IV Y. YOKOYAMA...511

国内最近刊行誌参考記事目次

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