
Reviewed by W. L. Silence¹ and R. D. Zordan¹

Specialty Steels and Hard Materials, edited by N. R. Comins and J. B. Clark is a single bound volume of the proceedings of an International Conference by the same title. It is an excellent collection of both invited and contributed papers in both subject areas, specialty steels and hard materials, written by world recognized authorities in their fields. The specialty steels discussed include high strength, low-alloy steels, stainless steels, tool steels and maraging steels, while the hard materials include tungsten carbide, tungsten carbides in different matrices, titanium carbide, titanium boride, CVD-coatings on hard metals and technical ceramics. There is considerable information and data about materials design, properties, applications, and performance.

The invited papers are good technically oriented overviews of the materials families, rather than simple reviews, particularly for mining, minerals processing, and corrosion and wear applications. The contributed papers comprise a current, up-to-date collection of research activity on more specific problems and subjects within these materials families.

This book will certainly be useful to engineers and scientists working in development and production of specialty steels and hard metals, or in areas where they are used.

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