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Autore	Hosmani Santosh S
Titolo	An Introduction to Surface Alloying of Metals [[electronic resource] /] / by Santosh S. Hosmani, P. Kuppusami, Rajendra Kumar Goyal
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Basics of Surface Alloying -- Nitriding of Binary Iron-Based Alloys: An Overview -- Influence of Process Parameters in Plasma-nitriding, Gas-nitriding and Nitro-carburizing on Microstructure and Properties of 4330V Steel -- Recent Advances in Surface Alloying of Austenitic Stainless Steel by Plasma Nitriding -- Chromizing, Carburizing and Duplex Surface Treatment -- Characterization of Surface Treated Materials -- Conclusions and Future Scope.
Sommario/riassunto	An Introduction to Surface Alloying of Metals aims to serve as a primer to the basic aspects of surface alloying of metals. The book serves to elucidate fundamentals of surface modification and their engineering applications. The book starts with basics of surface alloying and goes on to cover key surface alloying methods, such as carburizing, nitriding, chromizing, duplex treatment, and the characterization of surface layers. The book will prove useful to students at both the

undergraduate and graduate levels, as also to researchers and practitioners looking for a quick introduction to surface alloying.
