



特集：産業機械部材（用途）  
Special Edition : Materials for Industrial Machinery

隨 想	■ 湾岸諸国を訪問して～ blowing in the wind of Gulf ～／清水哲也.....	63
技術論文 <i>Technical Paper</i>	高硬度高耐食セル状析出型 Ni 基合金 DSA <sup>®</sup> 760 の高温腐食特性 ／小柳禎彦，永治 仁，高林宏之，大崎元嗣.....	65
	Hot Corrosion Characteristics of Cellular Precipitating Ni-Based Alloy "DSA <sup>®</sup> 760" with High Hardness and High Corrosion Resistance Yoshihiko KOYANAGI, Masashi NAGAYA, Hiroyuki TAKABAYASHI and Mototsugu OSAKI	
	超強靱鋼の機械的特性および組織におよぼす Al, V の影響／杉山健二，高林宏之，植田茂紀.....	75
	Influence of Aluminum and Vanadium Content on Mechanical Properties and Microstructure of Ultra High Strength Steel Kenji SUGIYAMA, Hiroyuki TAKABAYASHI and Shigeki UETA	
	積層欠陥エネルギーの異なる Fe-Ni 系，Fe-Cr-Ni 系オーステナイト合金の加工硬化挙動と 転位組織の相関／古庄千紘，高林宏之，赤間大地，高木節雄.....	85
	Relationship between Work Hardening Behavior and Dislocation Structure of Fe-Ni and Fe-Cr-Ni System Austenitic Alloys Which Have Different Values of Stacking Fault Energy Chihiro FURUSHO, Hiroyuki TAKABAYASHI, Daichi AKAMA and Setsuo TAKAKI	
技術資料 <i>Technical Data</i>	高硬度高耐食性高窒素マルテンサイト系ステンレス鋼 DSR40N の開発 ／草深佑介，成田修二，高林宏之.....	93
	Development of High Nitrogen Martensitic Stainless Steel "DSR40N" with High Hardness and High Corrosion Resistance Yusuke KUSAFUKA, Shuji NARITA and Hiroyuki TAKABAYASHI	
	高強度β型 Ti-Mn 系合金の開発／鷺見芳紀，池田勝彦.....	99
	Development of High Strength β Type Ti-Mn Alloy Yoshinori SUMI and Masahiko IKEDA	
	超高耐熱合金 COWALOY <sup>®</sup> の材料特性／横田恭平，大崎元嗣，小柳禎彦，高林宏之.....	103
	Properties of Highly Heat-Resistant Alloy COWALOY <sup>®</sup> Kyohei YOKOTA, Mototsugu OSAKI, Yoshihiko KOYANAGI and Hiroyuki TAKABAYASHI	