

Contents

Foreword

- Probability of an Accident Occurring Yoshiyuki Umemura
事故の確率

Special Issue : Driver Behavior and Active Safety

運転行動と予防安全

Review

- 1 Driver Behavior and Active Safety (Overview) Yoshiyuki Umemura
運転行動と予防安全

Research Reports

- 9 Assessment of Drivers' Risk Perception Mitsuteru Kokubun, Hiroyuki Konishi
Using a Simulator Kazunori Higuchi, Tetsuro Kurahashi
シミュレータによるドライバのリスク知覚評価 Yoshiyuki Umemura, Hiroaki Nishi
- 16 Risk Evaluation while Driving by Using Hiroyuki Konishi, Mitsuteru Kokubun
Hazard Information Kazunori Higuchi, Tetsuro Kurahashi
ハザード情報を利用した運転中のリスク評価 Yoshiyuki Umemura
- 24 A Study of Personally Adaptive Driving Support System . . Sueharu Nagiri, Yasushi Amano
Using a Driving Simulator Katsuhiko Fukui, Shun'ichi Doi
ドライビングシミュレータを用いた個人適応型運動支援の検討

Research Reports

- 34 Aluminum Protected Silicon Anisotropic Etching Norio Fujitsuka, Kanae Hamaguchi
Technique Using TMAH with an Oxidizing Agent and Hirofumi Funahashi,
Dissolved Si Eishi Kawasaki, Tsuyoshi Fukada
シリコンと酸化剤を溶解したTMAHによるアルミを
エッチングしないシリコン異方性エッチング
- 41 Development of Wettability Evaluation Technique Hisaaki Takao, Toshihiko Tsukada
Applying Contact Angle Measurement during Soldering Keiichi Yamada, Masahiko Yamashita
Hideo Hasegawa
接触角計測システムを用いたはんだぬれ性評価技術の開発
- 49 Mechanical Properties and Solder Joint Reliability Hisaaki Takao, Akira Yamada
of Low-Melting Sn-Bi-Cu Lead Free Solder Alloy Hideo Hasegawa
低温系Sn-Bi-Cu鉛フリーはんだの機械的特性および接合信頼性
- 57 Numerical Prediction of the Spring-Back Behavior Noritoshi Iwata, Hideo Tsutamori
of Stamped Metal Sheets Naomori Suzuki, Atsunobu Murata
薄鋼板プレス成形のスプリングバック予測

Topics

- 64 A New Technique for Detecting Oxygen Precipitates in . . Kenji Nakashima
Silicon Wafers Using Highly Selective Reactive Ion Etching
高選択比異方性エッチングによるSi中微小酸素析出物検出法
- 65 Development of Rapid Gas Chromatography System for . . Ayako Okawara
Analyzing Individual Hydrocarbons in Automotive Exhaust Gas
自動車排出ガス中個別炭化水素分析の迅速GCシステムの開発

- 66 Papers 82 Awards