

## CONTENTS

Development of Autonomous Pedestrian Positioning System Considering Easy and Flexible Sensor Mounting ..... Yuji Fukai, Hiroaki Kawai, Masayuki Kudo and Osamu Nakano	1
Designing a Coordinated Distribution Group Information Sharing System based on Examples at Educational Institution ..... Yuji Fukai, Hiroaki Kawai, Masayuki Kudo and Osamu Nakano	9
Survey to students on plaster used for prosthetic and orthotic fabrication -Investigation into extraction and the solution to problems- ... Yasuyuki Hayakawa, Keisuke Kon, Shingo Shimizu and Shin Murahara	17
Factors Affecting Emergency Evacuation of Residents Who Live in a Facility for Persons with Disabilities ... Tomoya Miyasaka, Yuji Tanaka, Keiko Kawashima, Yoshimi Tanahashi Shiho Hosoya, Takahiro Tsukame, Hiroyuki Tamura, Nobuyuki Abe Ken'ichi Takanashi, Sanae Matsushima, Daisuke Kozeki, Takayuki Saito Ryo Tazawa, Jun Ito and Noriyuki Miyashita	23
The effect of solar radiation reflected from snow surface on vertically installed photovoltaic ... Yoshihiro Ichinohe, Masaki Yagami, Kenji Misawa and Masahiro Uozumi	29
Accuracy of Snow Depth on Roofs by Photogrammetry Using Digital Images ... Takahiro Chiba, Thomas Thiis, Toru Takahashi and Tsukasa Tomabechi	35
Study on snow accretion and its falling with structural members on buildings ..... Yuki Sato, Takahiro Chiba, Tsukasa Tomabechi Kiyotoshi Otsuka and Yuichi Tabata	45
Mechanical analysis of elbow flexion in trans-humeral prostheses ..... Takeshi Tsuruga, Hiroyuki Matsubara, Toshiki Kobayashi Keisuke Kon, Shingo Shimizu, Tomohiro Nomura Masaharu Akiyama and Toshiya Nosaka	51
Feasibility to observe vascular property change by optical imaging of internal shunt ..... Masataka Kitama, Naotaka Kato, Hisae O. Shimizu Masaji Yamashita, Go Okuyama, Akihiro Kikuchi Seiji Kumazawa, Daisuke Shimao and Koichi Shimiz	57
A Review of Democratization: On Venezuela and Egypt ..... Osamu Nakano	63
Actual condition survey of medical protocol for telephone consultation in Sapporo ... Koji Ishikawa, Michiko Matsubara, Naoki Nishimoto, Keisuke Nakamura Masato Ichikawa, Tetsuo Okazaki and Yuko Hayashi	71

Trial of the earthquake prediction with remote monitoring system for power generation facility	.....Hiroaki Kawai, Takumi Yoshioka	77
Fundamental study for effect of ELF electric field exposure on human blood property	.....Hisae O. Shimizu, Yusuke Shizuya, Masataka Kitama Masaji Yamashita and Junji Arisawa	83
Mother's knowledge of the SIDS and an incidence rate	..... Masato Ichikawa	89
Study of defects depiction performance in the myocardial dedicated semiconductor SPECT system	..... Akihiro Kikuchi, Masataka Kitama, Go Okuyama Daisuke Shimao and Seiji Kumazawa	95