## **Table of Contents**

| Using a Dexterous Robotic Hand for Automotive Painting Quality Inspection<br>Bruno Santos, Francisco M. Ribeiro, Gil Goncalves, and Vitor H. Pinto   | 1  |
|--|----|
| Generation of Captions Highlighting the Differences between a Clothing Image Pair with Attribute Prediction Kohei Abe, Soichiro Yokoyama, Tomohisa Yamashita, and Hidenori Kawamura                                | 7  |
| Analysis of Weather Information and Road Surface Images for Snow Removal Dispatch Prediction<br>Hiroki Okura, Soichiro Yokoyama, Tomohisa Yamashita, and Hidenori Kawamura   | 17 |
| A Proposal of Road Network Hierarchization Method Based on Betweenness Centrality for Application to Vehicle<br>Routing Problems<br>Masayuki Shimizu, Soichiro Yokoyama, Tomohisa Yamashita, and Hidenori Kawamura | 25 |
| Evaluation of Request Order Decision Strategy in the Selection of Substitute Employees for Shift Management<br>Tasks<br>Tomoya Chisaka, Soichiro Yokoyama, Tomohisa Yamashita, and Hidenori Kawamura               | 33 |
| Enhancing Light Field Video Compression Efficiency via View Selection and Synthesis Techniques<br>Tala Bazzaza, Maissan Bazazeh, Morteza Rashidinia, Weige Qian, Hamid Reza Tohidypour, and Panos<br>Nasiopoulos   | 43 |