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Special Issue Reprint

Radar Remote Sensing for Applications in Intelligent Transportation

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The emergence of driverless vehicles has generated greater demands and complexities for the automotive radar industry. In the past half-decade, millimeter wave radar technology has made significant strides in large-scale virtual array technology, enabling the acquisition of highly accurate range, velocity, azimuth, and elevation information.

This reprint is a comprehensive compilation of the latest cutting-edge methods in radar remote sensing, and their practical applications in intelligent transportation. The articles featured in this reprint delve into a broad spectrum of topics, ranging from fundamental theoretical analyses to pragmatic experiments aimed at solving real-world issues such as interference reduction, communication, and radar sensing specifically tailored for intelligent transportation systems.

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