

Special Issue

Advances in Braking System for Better Autonomous Driving Safety and User Experience

Message from the Guest Editors

With the persistent progress in autonomous driving, advanced braking technologies, especially active braking systems, have been introduced to reduce traffic accidents and increase transportation efficiency. However, the development of braking systems in autonomous driving is still challenging due to the difficulty in predicting the behavior of environmental objects, the optimization problem of planning and control algorithms, the complexity of the design of collision avoidance systems and driver or passenger protection strategies. The aim of this Special Issue is to address these challenges by presenting the related research advances in the hope of promoting sustainable development of braking systems in autonomous driving, as well as increasing both its safety and user experience.

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