

## Study and Construction on Signalling System during Reverse Motion Due to Obstacle

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**Abstract :** Driving models are needed by many researchers to improve traffic safety and to advance autonomous vehicle design. To be most useful, a driving model must state specifically what information is needed and how it is processed. So we developed an "Obstacle Avoidance and Detection Autonomous Car" based on sensor application. The ever increasing technological demands of today call for very complex systems, which in turn require highly sophisticated controllers to ensure that high performance can be achieved and maintained under adverse conditions. Based on a developed model of brakes operation, the controller of braking system operation has been designed. It has a task to enable solution to the problem of the better controlling of braking system operation in a more accurate way than it was the case now a day.

**Keywords :** automobile, obstacle, safety, sensing

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