
DEVELOPING THE AUTOMATED PARKING SYSTEM FOR THE SEMITRAILER TRUCK

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Abstract

The article analyses the main design features of the existing tow-cars and semitrailer trucks as well as the distinctive features of the semitrailer truck perpendicular parking process. We have developed a system model based on the Lego set and Mindstorms electronics series, the tow-car control algorithm and its program prototype.

Keywords

Unmanned cargo vehicles, perpendicular parking, long haul truck, control algorithm

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