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(57) Abstract :

An Advanced Driver Assistant System (ADAS) (100) with real-time obstacles detection for identifying one or more breaker points throughout a plurality of routes is disclosed. The system includes one or more vehicles (102A-102N) configured with one or more ADAS modules (104A1-104N), and output modules (106A-106N). The ADAS modules are configured to detect obstacles on a path of vehicle using a sensor data, a physical model, and a machine learning model. The ADAS modules are further configured to analyzes the detected obstacles to identify the breaker points throughout a plurality of routes of the one or more vehicles. If present GPS coordinates correspond with stored GPS coordinates and the ML model's confidence score is above a predefined threshold, ADAS confirms the presence of road obstacle at that location. The ADAS modules are further configured to warns drivers about the breaker points throughout the plurality of routes of vehicles. <>

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