# REVIEW OF THE AUTOMATIC SYSTEMS
# OF VEHICLE CLASSIFICATION

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The paper describes modern systems of automatic object classification and their fundamental problems. Attention focuses on the one of such systems that developed in the UK. It consists of two antennas (transmitter and receiver), that are not collocated. Such complex enables automatic classification of vehicles that travel between antennas. This method is based on the Doppler Effect and further obtaining of Doppler components and their mathematical treatment.