

Simulation of "Driver - Vehicle - Road - Environment" Systems

Valeri Yeryomin

Moscow State Automobile & Highways Institute (Technical University)
Russia, 129090, Moscow, Grokholskiy lane, 8/3, k.11.

Abstract:

The general procedure of constructing the "driver - vehicle - road - environment" virtual systems was developed. Our operating experience with the virtual systems shows that the problems of automobile transport may be adequately solved for all practical purposes (traffic safety, roads operation and design, traffic engineering and control, environment protection, road data bank construction, transport policy, etc.).