

MULTILAYER PERCEPTRON AS A TOOL TO MARK THE WORK OF THE MOTOR-CAR BODY DEFORMATION AS A RESULT OF ROAD COLLISION

Summary – In the article the result of the attempt to use the multilayer perceptron to define the state of the motor-car body deformation as a result of road collision is presented. As the research parameter the size of damage of the car of the aggrieved party was assumed, defined by the work of the motor-car body deformation W_{def} . The elements of the mechanism of the damaging event determining the size of the damage were the interior factors of the system. The research was conducted on one thousand cases submitted to liquidate in the Silesian branch of one of the insurance companies.