

*dr Božidar Krstić, red.prof. ,Mašinski fakultet, Kragujevac, Srbija, [bkrstic@kg.ac.yu](mailto:bkrstic@kg.ac.yu)  
dr Vladimir Raičević, red.prof. ,Fakultet tehničkih nauka, K. Mitrovica, Srbija  
dr Dobrivoje Čatić, vanr.prof. ,Mašinski fakultet, Kragujevac, Srbija  
dr Vukić Lazić, vanr.prof. ,Mašinski fakultet, Kragujevac, Srbija  
Ivan Krstić, School of Electrical Engineering, Beograd, Serbia  
Vojislav Krstić, Faculty of transport and traffic Engineering, Beograd, Serbia*

## **MOGUĆNOSTI PRIMENE NEKIH STRATEGIJA PRI ODRŽAVANJU MOTORNIH VOZILA**

**Abstrakt:** U radu je analizirana suština tradicionalnih i savremenih strategija održavanja motornih vozila. Posebna pažnja posvećena je savremenim strategijama održavanja motornih vozila.

Primena fuzzy logike omogućila je veliki napredak, u većem broju oblasti ljudskog delovanja. Velike mogućnosti njene primene treba koristiti i u sistemima održavanja tehničkih sistema.

Cilj rada je prikaz, u najkraćem obliku, osnova fuzzy logike, nekih izvora neizvesnosti u sistemima održavanja tehničkih sistema i mogućnostima njene primene pri njihovom održavanju.

**Ključne reči:** vozila, održavanje, fuzzy logika

*Professor Bozidar Krstić, Ph D, Faculty of Mechanical Engineering, Kragujevac, Serbia  
Professor Vladimir Raičević, Ph D, Faculty of Technical Sciences K. Mitrovica, Serbia  
Professor Dobrivoje Čatić, Ph D, Faculty of Mechanical Engineering, Kragujevac, Serbia  
Professor Vukić Lazić, Ph D, Faculty of Mechanical Engineering, Kragujevac, Serbia  
Ivan Krstić, School of Electrical Engineering, Beograd, Serbia  
Vojislav Krstić, Faculty of transport and traffic Engineering, Beograd, Serbia*

## **POSSIBILITY FOR APPLICATION OF SOME STRATEGIES BY MOTOR VEHICLE MAINTENANCE**

**Abstract:** There is analysed essence of traditional and modern strategy of motor vehicle maintenance. Special attention is consecrated to modern strategy of motor vehicle maintenance.

Fuzzy logic application enable large advantage, in many human activities. Large possibility its application is to use in the systems of motor vehicle maintenance.

Am of the work is review, in the briefest from, of fuzzy logic base, some causes uncertainty in systems of motor vehicle maintenance and possibility its application by maintenance.

**Key words:** vehicles, maintenance, fuzzy