



SCIENTIFIC BULLETIN

AUTOMOTIVE SERIES

.....

CONTRIBUTIONS TO EVALUATION OF END-OF-LIFE VEHICLES (ELV) USING THE CONCEPT OF AVERAGE LIFE DURATION

Authors

Florian IVAN¹, Viorel NICOLAE², Alexandru BOROIU³

¹University of Pitesti, Romania, e-mail: florianivan2002@yahoo.com, phone: +40-248-208804/254. ²University of Pitesti, Romania, e-mail: viorel.nicolae@upit.ro, phone: +40-248-208804/133. ³University of Pitesti, Romania, e-mail: alexandru.boroiu@upit.ro, phone: +40-248-208804/133.

Abstract

This paper presents a method developed by authors in order to determine the value of a vehicle, focused especially on the end-of-life vehicles (ELV). The method is based on the concept of "average life duration", which is not yet clearly defined in technical references. Using this concept, we defined the function of value depreciation for a vehicle, starting from the physical wear coefficient imposed by legislation.

Keywords

ELV, average life duration, value depreciation, physical wear, obsolence.