



"Gh. Asachi" Technical University of Iasi, Romania

RESEARCHES REGARDING THE NUMERICAL EVALUATION OF THE TOXICITY INDICES FOR THE NOXES PRODUCED BY BURNING SOURCES

**Virgiliu Dan Negrea^{1*}, Gelu Padure¹, Silviu Ponoran¹,
Venetia Sandu²**

¹ "Politehnica" University of Timisoara, Faculty of Mechanical Engineering, Thermal Machines
and Transport Department, Bd. M. Viteazu nr. 1, 1900, Timisoara, Romania
² National Institute for Road Vehicles (INAR), Brasov, Romania

Abstract

The paper defines the weight toxicity index (WTI) and gives some information about the technique of their computation. There are also presented numerical results for interest cases in environmental protection.

Keywords: weight toxicity index, toxicity coefficients, pollution, internal combustion engine

^{1*} Author to whom all correspondence should be addressed: Phone: 0256-204.580; Fax: 0256-203.911; e-mail: vdnegrea@mec.utt.ro