



URBAN TRAFFIC POLLUTION REDUCTION USING AN INTELLIGENT VIDEO SEMAPHORING SYSTEM

Codrin Donciu*, Marinel Temneanu, Marius Brînzilă

"Gh. Asachi" Technical University of Iasi, 53 Mangeron Blvd., 700050, Iasi, Romania

Abstract

The present paper suggests making an intelligent video system of command over crossroads with traffic lights, its main goal being diminishing road congestion, a better traffic speed of vehicles, diminishing the environment pollution and improvement of negative effects that vehicle concentration has over the physical and psychological state of the population.

Key words: vision, image processing, segmentation

* Author to whom all correspondence should be addressed: edonciu@ee.tuiiasi.ro