

THE MATHEMATICAL ADAPTATION OF THE DISTRIBUTION AND THE DISPERSAL OF NOXIOUS SUBSTANCES FROM THE POLLUTING SOURCES WITH CONTINUOUS EMISSION

Daniela-Laura Negoita
“Dunărea de Jos” University of Galați

ABSTRACT

The paper is referring to the necessity of environmental and human safety through control and continuous administration of the pollutants in emissions, further to the industrial processes. Pollutants have negative influence upon environment not only in their original state also through their chemical reaction results, known as secondary pollutants. The direct measurement can not be accomplished everywhere we want to know the pollution level, but the adaptation of the atmospheric dispersion can allow us to establish this values. The bidimensional statistic pattern, given by a gaussian distribution, can be used to estimate the atmospheric dispersion of the polluting emissions.

REFERENCES

1. Mandravel, C., Stanescu, R, *Metode fizico chimice aplicate la măsurarea noxelor in mediul profesional*, Editura Academiei Romane, București, 2003
2. Nicolae, A., Matei ,E., ș.a., *Management de mediu în industria materialelor metalice*, Editura Fair București, 2000.
3. Nicolae M., Ion M., s.a., *Proceduri de analiza in managenentul ecometalurgic*, Editura Fair Partners, Bucuresti, 2002