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USE OF FUZZY THEORY TO CONTROL WASTE GAS POLLUTION IN ENVIRONMENT BY CHEMICAL PLANTS

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The main source of pollution of environment is chemical plants. Carbon monoxide, nitric oxide, ozone etc. are some of the factors of pollution from chemical industries. The maintenance of clean and healthy atmosphere makes it necessary to keep pollution under control. We suggest the use of fuzzy control to minimize the waste gas pollution in environment by all oil refinery.

We have formulated a model using fuzzy linear programming. The research data taken from an oil refinery was used and it was proved that by using the fuzzy linear programming we could significantly minimize the waste gas flow let in the atmosphere.

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