GRAPH-ANALYTICAL METHOD FOR ESTIMATION OF FLOWS DISTRIBUTION IN LOW-PRESSURE GAS TRANSPORT SYSTEMS

Zhivko KOLEV+, Pencho ZLATEV+, Valentin BOBILOV+, Ilia ILIEV+, Georgi GENCHEV+, Plamen MUSHAKOV+

†UNIVERSITY OF RUSE “ANGEL KANCHEV”, Bulgaria

ABSTRACT
The purpose of the work is to create a simplified physical model of a closed local gas system at low pressure (up to 500 mbar) for supply of consecutively connected single consumers or group consumers. Graph-analytical method for estimation the distribution of flows in ring and linear system for transport of technical fluids has been developed.

REFERENCES