

C O N T E N T S

Piotrowski A.: Numerical modelling of ventilation in blind headings in mines	5
Zapałowicz Z.: Effect of thermodynamic parameters of surrounding air on the dynamic wetting of surface by droplets	21
Kiciński J.: Coupled forms of non-linear vibrations as a new tool of crack detection in rotating shaft	37
Frączak J. W. and Burka E. S.: Simulation of incompressible flow past a bluff cylinder by means of a discrete vortex method	69
Adamkowski A. and Lewandowski M.: Unsteady friction mo- delling in transient pipe flow simulation	83
Iwan J.: Hydraulic turbine development for low-output power plants	99
Adamkowski A. and Kwapisz L.: Strength analysis of penstock bifurcations in hydropower plants	113
Korczak A. and Papierski A.: The flow through the face clear- ance of the disk relieving the axial force in multi-stage centrifu- gal pump	125