GIUSEPPE PEZZINGA - PUBBLICAZIONI (su riviste internazionali)

- 1) Pezzinga, G. (1994) "Velocity Distribution in Compound Channel Flows by Numerical Modeling." Journal of Hydraulic Engineering, ASCE, Vol. 120, 1176-1198
- Pezzinga, G., Scandura, P. (1995) "Unsteady Flow in Installation with Polymeric Additional Pipe." Journal of Hydraulic Engineering, ASCE, Vol. 121, 802-811
- 3) Pezzinga, G. (1996) Closure to "Velocity Distribution in Compound Channel Flows by Numerical Modeling." Journal of Hydraulic Engineering, ASCE, Vol. 122, 117
- Pezzinga, G., Gueli, R. (1999) Discussion of "Optimal Location of Control Valves in Pipe Networks by Genetic Algorithm." Journal of Water Resources Planning and Management, ASCE, Vol. 125, 65-67
- 5) Pezzinga, G. (1999) "Quasi-2D Model for Unsteady Flow in Pipe Networks." Journal of Hydraulic Engineering, ASCE, Vol. 125, 676-685
- 6) Pezzinga, G. (2000) "Evaluation of Unsteady Flow Resistances by Quasi-2D or 1D Models." Journal of Hydraulic Engineering, ASCE, Vol. 126, 778-785
- 7) Pezzinga, G. (2001) Discussion of "Extended Thermodynamics Derivation of Energy Dissipation in Unsteady Pipe Flow." Journal of Hydraulic Engineering, ASCE, Vol. 127, 888
- 8) Pezzinga, G. (2002) Discussion of "Velocity Profiles and Unsteady Pipe Friction in Transient Flow." Journal of Water Resources Planning and Management, ASCE, Vol. 128, 85
- 9) Pezzinga, G. (2002) "Unsteady Flow in Hydraulic Networks with Polymeric Additional Pipe.", Journal of Hydraulic Engineering, ASCE, Vol. 128, 238-244
- 10) Pezzinga, G. (2002) Closure of "Evaluation of Unsteady Flow Resistances by Quasi-2D or 1D Models." Journal of Hydraulic Engineering, ASCE, Vol. 128, 647-648
- 11) Pezzinga, G. (2002) Discussion of "Developments in unsteady pipe flow friction modelling." Journal of Hydraulic Research, IAHR, Vol. 40, 650-651
- 12) Pezzinga, G. (2003) "Second viscosity in transient cavitating pipe flows." Journal of Hydraulic Research, IAHR, Vol. 41, 656-665
- 13) Cannizzaro, D., Pezzinga, G. (2005) "Energy Dissipations in Transient Gaseous Cavitation." Journal of Hydraulic Engineering, ASCE, Vol. 131, 724-732
- 14) Pezzinga, G., Pititto, G. (2005) "Combined optimization of pipes and control valves in water distribution networks.", Journal of Hydraulic Research, IAHR, Vol. 43, 667-676
- 15) Nicosia, S., Pezzinga, G. (2007) "Mathematical models of blood flow in the arterial network.", Journal of Hydraulic Research, IAHR, Vol. 45, 188-201
- 16) Pezzinga G. (2009) "Local Balance Unsteady Friction Model.", Journal of Hydraulic Engineering, ASCE, Vol. 135, 45-56
- 17) Pezzinga, G. (2013) Discussion of "Transient Friction in Pressurized Pipes. III: Investigation of the EIT Model Based on Position-Dependent Coefficient Approach in MIAB Model." Journal of Hydraulic Engineering, ASCE, Vol. 139, 566-567
- 18) Pezzinga, G., Cannizzaro, D. (2014) "Analysis of Transient Cavitation in Pipes by a Distributed 2D Model." Journal of Hydraulic Engineering, ASCE, Vol. 140(6), 04014019
- 19) Pezzinga, G., Brunone, B., Cannizzaro, D., Ferrante, M., Meniconi, S., Berni, A. (2014) "Two-Dimensional Features of Viscoelastic Models of Pipe Transients." Journal of Hydraulic Engineering, ASCE, Vol. 140(8), 04014036
- 20) Pezzinga, G. (2014) "Evaluation of Time Evolution of Mechanical Parameters of Polymeric Pipes by Unsteady Flow Runs." Journal of Hydraulic Engineering, ASCE, Vol. 140(12), 04014057
- 21) Creaco, E. Pezzinga, G. (2014) "Multiobjective Optimization of Pipe Replacements and Control Valve Installations for Leakage Attenuation in Water Distribution Networks." Journal of Water Resources Planning and Management, ASCE, Vol. 140, 04014059

- 22) Creaco, E., Pezzinga, G. (2015). Embedding linear programming in multi objective genetic algorithms for reducing the size of the search space with application to leakage minimization in water distribution networks. Environmental Modelling & Software 69, 308-318
- 23) Pezzinga, G., Brunone, B., Meniconi, S. (2016) "Relevance of Pipe Period on Kelvin-Voigt Viscoelastic Parameters: 1D and 2D Inverse Transient Analysis." Journal of Hydraulic Engineering, ASCE, Vol. 142(12), 04016063
- 24) Creaco, E., Pezzinga, G., Savic, D. (2017). "On the choice of the demand and hydraulic modeling approach to WDN real-time simulation." Water Resources Research, 53 6159-6177
- 25) Pezzinga, G., Santoro, V.C. (2017) "Unitary Framework for Hydraulic Mathematical Models of Transient Cavitation in Pipes: Numerical Analysis of 1D and 2D Flow." Journal of Hydraulic Engineering, ASCE, Vol. 143(10), 04017053
- 26) Creaco, E., Pezzinga, G. (2018) "Comparison of algorithms for the optimal location of control valves." Water, 10, 466; doi:10.3390/w10040466
- 27) Pezzinga, G., Santoro, V.C. (2018) Erratum for "Unitary Framework for Hydraulic Mathematical Models of Transient Cavitation in Pipes: Numerical Analysis of 1D and 2D Flow." by G. Pezzinga and V.C. Santoro, Journal of Hydraulic Engineering, ASCE, Vol. 144(5), 08218001
- 28) Santoro, V.C., Crimì, A., Pezzinga, G. (2018) "Developments and Limits of Discrete Vapor Cavity Models of Transient Cavitating Pipe Flow: 1D and 2D Flow Numerical Analysis." Journal of Hydraulic Engineering, ASCE, Vol. 144(8), 04018047
- 29) Creaco, E.; Pezzinga, G. (2018) "Advances in Water Distribution Networks". Water, 10, 1546; doi.org/10.3390/w10111546