

WATER RESOURCES MANAGEMENT

SUPPLEMENTARY DATA

Investigation into the Pressure-Driven Extension of the EPANET Hydraulic Simulation Model
for Water Distribution Systems

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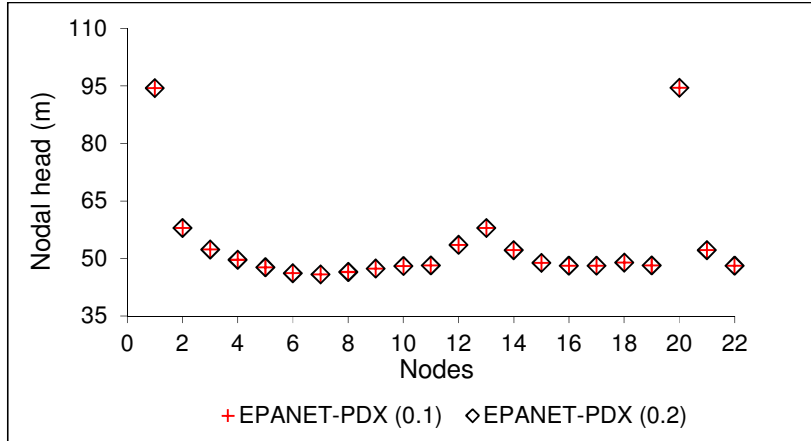
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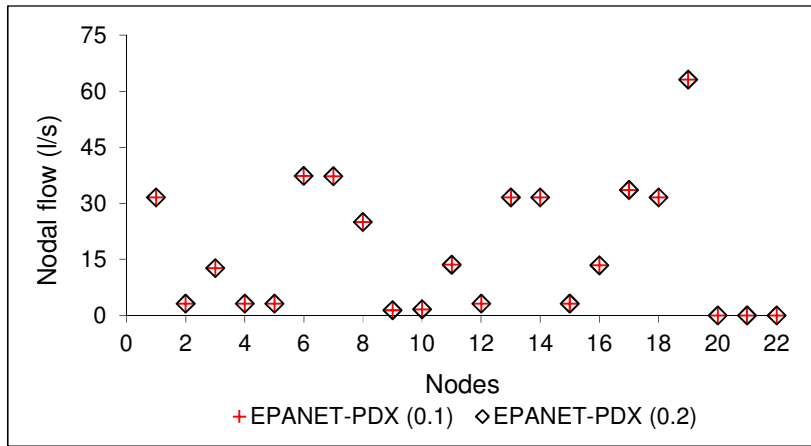
Seyoum AG and Tanyimboh TT (2016) Investigation into the pressure-driven extension of the EPANET hydraulic simulation model for water distribution systems. *Water Resources Management*, DOI:10.1007/s11269-016-1492-6

APPENDIX: SUPPLEMENTARY DATA

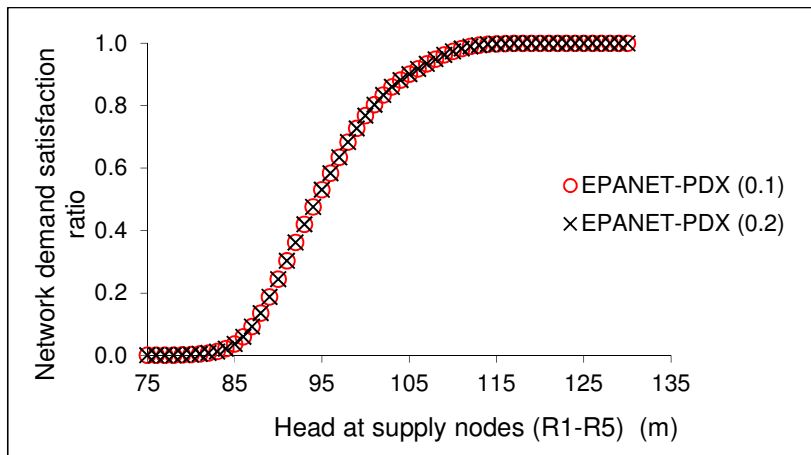
Additional results are provided here in Figures 6 and 7.



(a) Nodal heads in the network in Example 2

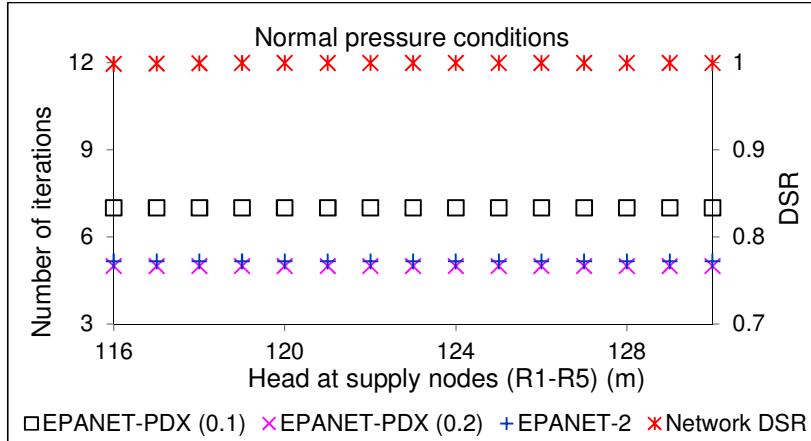


(b) Nodal flows in the network in Example 2

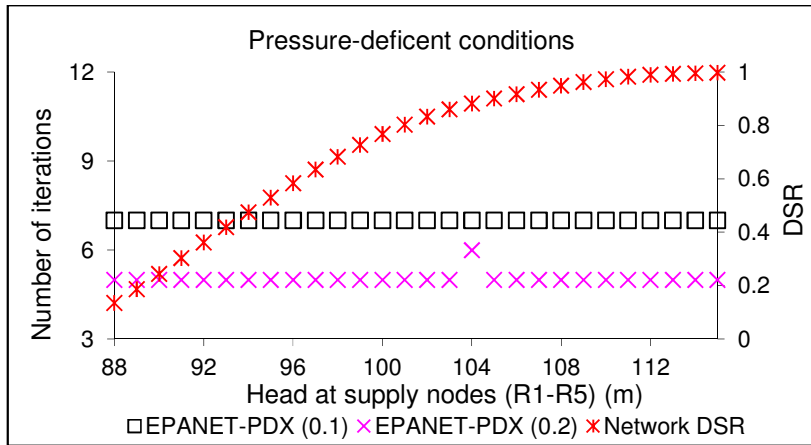


(c) Demand satisfaction as a function of pressure in the network in Example 3

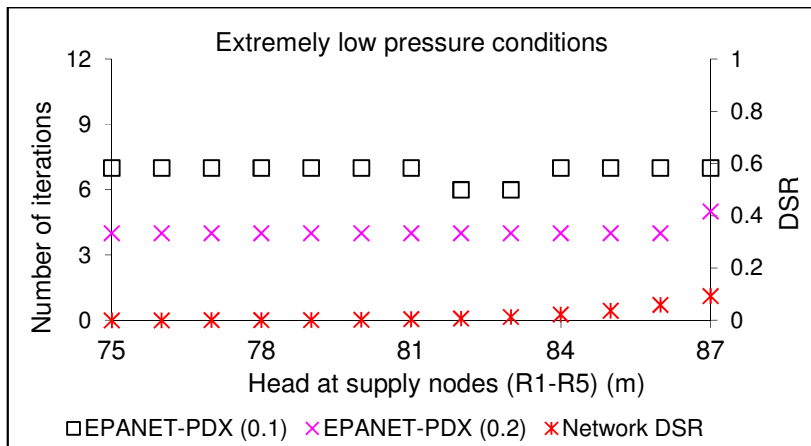
Fig. 6 Typical solutions for normal and pressure-deficient conditions



(a) Normal pressure conditions



(b) Pressure-deficient conditions



(c) Extremely low pressure conditions

Fig. 7 Number of major iterations as a function of pressure in the network in Example 3