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Leak identification in saturated unsteady flow via a Cauchy problem

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Highlights

- A model for leak identification in pipes via the Cauchy problem for the heat equation is researched.
- The model is reformulated to fit the application of a recently proposed regularising method.
- Analyses of the regularizing method is presented.
- The regularizing method is implemented using an open source Finite element code.
- Conclusions and further research in this area are given.

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