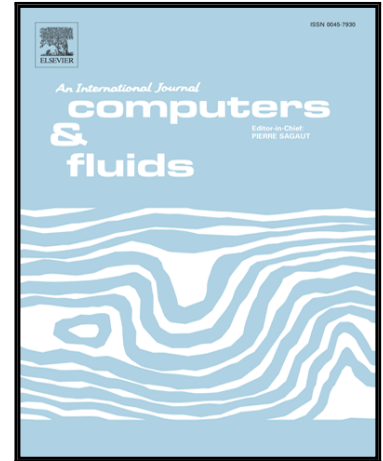


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New Application of the Isogeometric Boundary Representations Methodology with SBFEM to Seepage Problems in Complex Domains

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Highlights

- The IGA-SBFEM is applied to treat seepage problems in unbounded domain.
- It can represent the arbitrary complex geometry exactly.
- It gives better results than the conventional SBFEM.
- The formulation allows to model seepage problems through the multilayered soils.
- The method is applicable for seepage problems in multi-connected domains with inclusions.

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