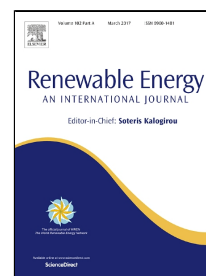


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A numerical model for transient simulation of borehole heat exchangers

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- Proposed numerical model is able to simulate thermal behavior of borehole heat exchangers.
- Both short and long-time responses can be predicted using this model.
- Model is validated by numerical, analytical and experimental data.
- Effect of time step size on the accuracy of the results is investigated.

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