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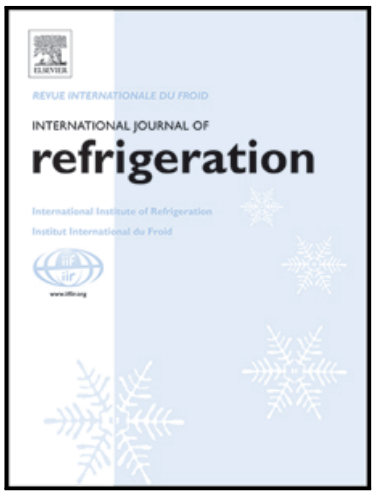

Numerical modelling of a two-phase twin-screw expander for Trilateral Flash Cycle applications

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Highlights

- Modelling methodology for twin-screw machines in GT-SUITE™ software is developed
- A two-phase twin-screw expander for trilateral flash cycle applications is modelled
- Pressure and quality indicator diagrams are shown
- Performance and efficiency maps are presented

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