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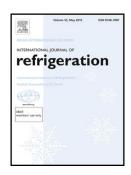
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ACCEPTED MANUSCRIPT

TITLE:

Performance analysis of a two-stage mechanical compression-ejector cooling cycle intended for micro-trigeneration system

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Highlights

- A two-stage mechanical compression-ejector cooling cycle is studied.
- The influence of the operation conditions on the system efficiency is investigated.
- The middle pressure is the important parameter for the proposed cooling system.
- A two–stage refrigeration unit intended for micro–trigeneration system is designed.

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