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Thermodynamic model for all modes performance analysis of supersonic ejector considering non-uniform distribution of flow field

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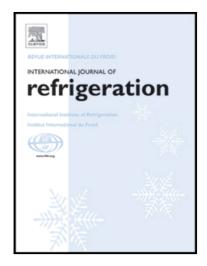
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#### ACCEPTED MANUSCRIPT

### Highlights

- All modes model is proposed to analyze the ejector performance.
- $\bullet$  The non-uniform distribution of the flow field is considered.
- Influences of component efficiencies on the ejector performance are discussed.
- Experimental results are used to validate the effectiveness of the model.

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