

"Journal of Non-Equilibrium Thermodynamics" (JNE) :

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Thermophysical, chemical and biochemical processes

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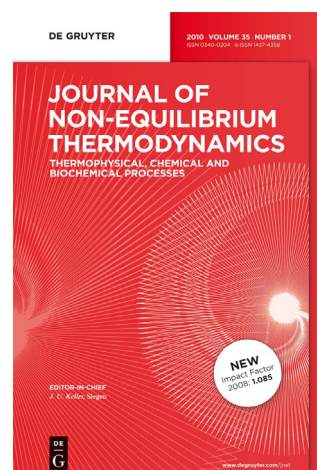
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Aims & Scope: The Journal of Non-Equilibrium Thermodynamics serves as an international publication organ for new ideas, insights and results on non-equilibrium phenomena in science, engineering and related natural systems. The central aim of the journal is to provide a bridge between science and engineering and to promote scientific exchange on newly observed non-equilibrium phenomena, analytic or fuzzy models for their interpretation and new methods to describe non-equilibrium phenomena.

Contributions should present novel approaches to analyzing, modeling and optimizing processes of engineering relevance such as transport processes of mass, momentum and energy, separation of fluid phases, reproduction of living cells, and many others. Highest priority is given to contributions which add to the basic understanding of non-equilibrium phenomena in engineering and related natural systems. The journal publishes scholarly research papers, invited review articles, short communications and "comment-and-reply-notes" on papers already published.

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expanded its scope to place new emphasis on theoretical and experimental investigations of non-equilibrium phenomena in thermophysical, chemical, biochemical and abstract model systems of engineering relevance. We are therefore pleased to invite submissions which present newly observed non-equilibrium phenomena, analytic or fuzzy models for their interpretation, or new methods for their description. Topics of high priority are:

• soft matter biomolecular fluids • nano-fluids • fuzzy systems • soft computing models.

For more information in these (non exclusive) topics the reader is kindly invited to refer to the Editor's Note, *Journal of Non-Equilibrium Thermodynamics* 27 (2002), pp. 1–3.

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Journal of Non-Equilibrium Thermodynamics,
Genthiner Str. 13, 10785 Berlin, Germany
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