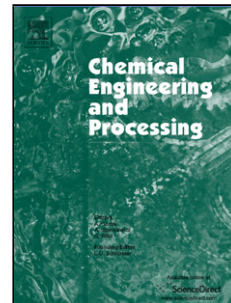


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## Numerical investigation of heat transfer intensification in shell and helically coiled finned tube heat exchangers and design optimization

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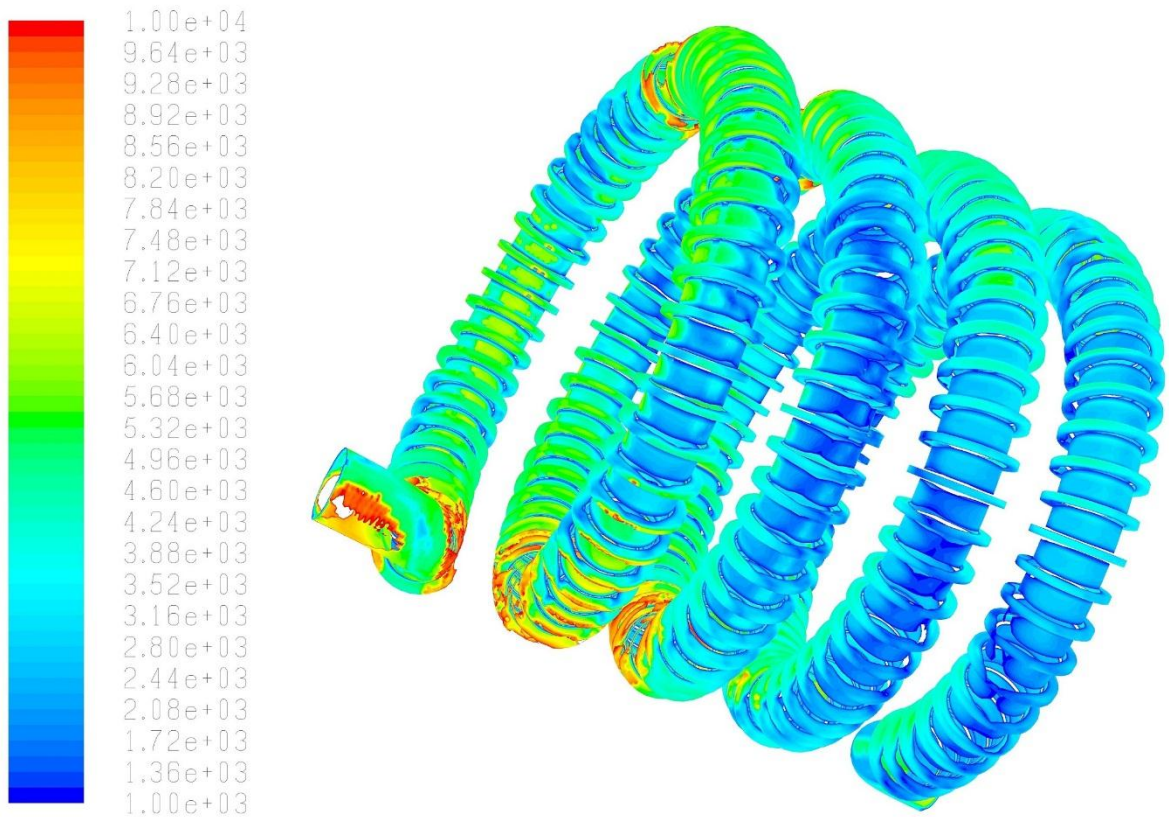
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### Graphical abstract



Contour of the local heat transfer rate coefficient (W/m<sup>2</sup>K)

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