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Combined thermophoresis and Brownian motion effects on nanofluid free convection heat transfer in an L-shaped enclosure

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**Highlights**

- Nanofluid free convection heat transfer is studied
- Two phase model is employed for nanofluid.
- CVFEM is used as simulation tool.
- Nusselt number enhances with increase of Lewis number.
- Nusselt number decreases with increase of aspect ratio.

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