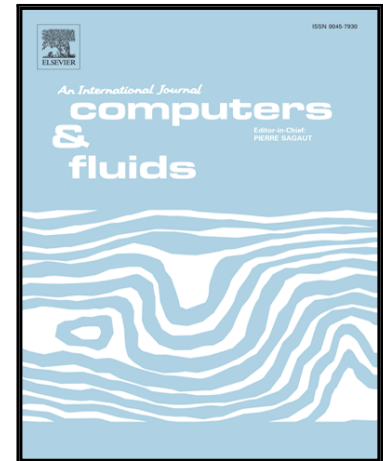


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The effects of Gurney flap on the aerodynamic performance of NACA 0012 airfoil in the rarefied gas flow

Y. Amini , M. Liravi , E. Izadpanah

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Highlights

- Effects of Gurney flap on aerodynamic performance at rarefied gas flow are studied
- The Gurney flap affected the slip velocity at the trailing edge of lower surface
- 7% and 5% Gurney flap improve the aerodynamic performance of the airfoil
- 2% Gurney flap does not change the aerodynamic performance, significantly

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