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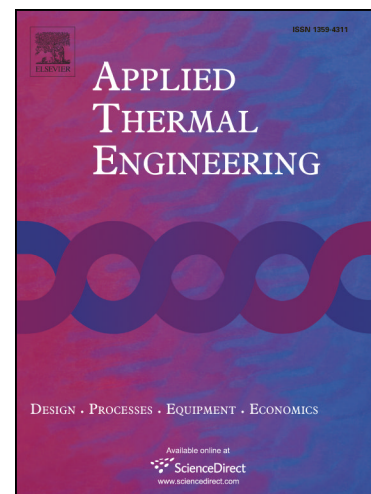
Numerical investigation of shell-side performance for shell and tube heat exchangers with two different clamping type anti-vibration baffles

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**Numerical investigation of shell-side performance for shell and tube
heat exchangers with two different clamping type anti-vibration
baffles**

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HIGHLIGHTS

- (1) A new type of hexagon clamping anti-vibration baffle (HCB) is proposed.
- (2) The flow structure and heat transfer performances of two different clamping type anti-vibration baffles are compared.
- (3) The effect of geometry parameters on the thermo-hydraulic characteristics is numerically investigated.

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