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Size-dependent dynamic analysis of rectangular nanoplates in the presence of electrostatic, Casimir and thermal forces

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**Highlights**

- The size dependent dynamic instability of fully clamped nanoplates is obtained.
- The effects of Casimir forces as well as temperature change are examined.
- Eringen's nonlocal theory is applied along with CLT to obtain the equation.
- The dynamic governing equation is solved numerically by Galerkin method.

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