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An Easy-to-use Boundary Condition in Dissipative Particle Dynamics System

Dingni Zhang , Qianqian Shangguan , Yuxiang Wang

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Highlights

- Propose a novel boundary condition in dissipative particle dynamics system;
- The boundary condition takes the interfacial factors into consideration;
- The boundary condition is quite easy to implement;
- The boundary condition keeps wettability well;
- The boundary condition can be applied in any complex solid surfaces;
- The boundary condition mimics the fluid/solid interaction quite realistically.

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