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Chatter mitigation for the milling of thin-walled workpiece

Zhao Zhang , Hongguang Li , Xianbo Liu , Wanyu Zhang ,
Guang Meng

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Highlight

- a new approach is proposed to mitigate the milling chatter of thin-walled workpiece
- the milling system is submerged in viscous fluid to suppress milling chatter
- the stability limit increases dramatically under viscous fluid condition
- the test results verify that the method has an excellent performance for chatter suppression

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