



CentraleSupélec - Bâtiment Eiffel -
MC.205

EQUIPE STAN

Bing TIE

RESPONSABLE SUPPLÉANTE DE L'ÉQUIPE STAN

CHARGÉ DE RECHERCHE AVEC HDR

Statut : Chercheur·se

 01 75 31 63 57

 Courriel

Publications

2024

Journal articles

[Defect modes in imperfect periodic structures](#)

Yilun Li, Régis Cottureau, Bing Tie

Journal of Physics: Conference Series, 2024



[A Bloch analysis extended to weakly disordered periodic media](#)

Yilun Li, Régis Cottureau, Bing Tie

Journal of Sound and Vibration, 2024, pp.118361. ([10.1016/j.jsv.2024.118361](https://doi.org/10.1016/j.jsv.2024.118361))



[Theoretical analysis of the dimensionality of ultrasonic attenuation in polycrystalline materials with elongated grains](#)

Juan Camilo Victoria Giraldo, Bing Tie, Jérôme Laurent, Alain Lhémy, Denis Solas

Journal of Physics: Conference Series, 2024



Conference papers

[Efficient and accurate numerical modeling of ultrasonic wave scattering in polycrystalline materials using a space-discontinuous Galerkin framework](#)

Juan Camilo Victoria Giraldo, Bing Tie

ECCOMAS Congress 2024 - the 9th European Congress on Computational Methods in Applied Sciences and Engineering, Jun 2024,