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Employment

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Research outputs

Modelling ploughing by an elliptical asperity through a zinc coated steel sheet: with application to modelling friction in deep-drawing

Mishra, T., 4 Dec 2019, Enschede: University of Twente. 341 p.

A material point method based ploughing model to study the effect of asperity geometry on the ploughing behaviour of an elliptical asperity

Mishra, T., de Rooij, M., Shisode, M., Hazrati, J. & Schipper, D. J., 16 Oct 2019, In : Tribology international. 142, 106017.

Characterization of interfacial shear strength and its effect on ploughing behaviour in single-asperity sliding

Mishra, T., de Rooij, M., Shisode, M., Hazrati, J. & Schipper, D. J., 15 Oct 2019, In : Wear. 436-437, 203042.

An analytical model to study the effect of asperity geometry on forces in ploughing by an elliptical asperity

Mishra, T., de Rooij, M., Shisode, M., Hazrati, J. & Schipper, D. J., 1 Sep 2019, In : Tribology international. 137, p. 405-419 15 p.

Modelling of ploughing in a single-asperity sliding contact using material point method

Mishra, T., Ganzenmüller, G. C., de Rooij, M., Shisode, M., Hazrati, J. & Schipper, D. J., 15 Jan 2019, In : Wear. 418-419, p. 180-190 11 p.

Characterization of Anisotropic Yield Criteria Using an Indentation Based Technique for Steel Sheets

Mishra, T., de Rooij, M., Shisode, M., Hazrati, J. & Schipper, D., 2019.

Multi-scale Friction Modeling of Coated Steels for Sheet Metal Forming Applications

Shisode, M., Hazrati, J., Mishra, T., de Rooij, M. & van den Boogaard, T., 2019.

Multi-scale contact modeling of coated steels for sheet metal forming applications

Shisode, M., Hazrati Marangalou, J., Mishra, T., De Rooij, M. & Van Den Boogaard, T., 2018, *Tribology in Manufacturing Processes and Joining by Plastic Deformation II*. Bay, N. & Nielsen, C. V. (eds.). Trans Tech Publications Ltd, p. 223-231 9 p. (Key Engineering Materials; vol. 767).