

Abstract Submitted
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Collision Times and Stress Distributions in Mono and Polydisperse Granular Flows JOHN DROZD, University of Western Ontario, COLIN DENNISTON, University of Western Ontario — We investigate, using simulations, collision times and stress distributions in two and three-dimensional steady-state granular matter in jammed versus diffuse flows. We find that the level of order or disorder in the grains dictates values of collision time power-laws. This observation is consistent in both two and three dimensions. We compare our simulations to experimental results.

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