Collision times and stress in gravity driven granular flow JOHN
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gate, using simulations, collision times and stress distributions in two and three-
dimensional steady-state granular matter in jammed versus diffuse flows. Surpris-
ingly we find little dependence on the dimensionality of space. Grains remain sepa-
rated with similar power-law distributions of times between collisions and the origin
of stress transfer follows a similar mechanism in both cases. We compare our simu-
lations to experimental results.

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