

Abstract Submitted
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Computer simulations of the axisymmetric collapse of a granular column made of mixed grains HORACIO TAPIA-MCCLUNG, LANIA Mexico
— Measures of the final height and final run-out distance of deposits formed by collapses of granular columns formed by mixed grains, seem to follow a power law on the initial aspect ratio parameter, similar to the homogeneous case. We investigate this matter using numerical simulations in 3D, and present preliminary results of the collapse of a granular column formed by mixtures of grains with different shapes, considering the cases of spherical grains mixed with sticks and mixtures of sticks, keeping all other parameters fixed.

Horacio Tapia-McClung
Laboratorio Nacional de Informatica Avanzada, LANIA Mexico

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