

Abstract Submitted
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The Dynamics of Granular Materials MIROSLAV KRAMAR, Rutgers, KONSTANTIN MISCHAIKOW, LOU KONDIC, ARNAUD GOULLET, NJIT — We will present a novel approach to study force chain structures of particulate systems. We concentrate on systems undergoing compression. Our method distinguishes different types of friction as well as different rate of poly dispersity. The topological measures can be also used to understand the dynamic features of the system and correlate these measures to phenomena such as jamming.

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