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Highly Nonlinear Solitary Waves In Heterogeneous Periodic Granular Media Mason A. Porter1, Chiara Daraio 2,∗, Ivan Szelengowicz , Eric B. Herbold3, And P. G. Kevrekidis4 1Oxford Centre For Industrial And Applied Mathematics, Mathematical Institute, University Of Oxford, OX1 3LB, United Kingdom Apr 2th, 2024

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3 Reduce Reduce V 1 V 2 V 3 Barrier Map Map V Map V 1 V 2 V 3 Reduce Reduce V 1 V 2 3 Map Map Reduce Map V 1 V 2 V 3 V 1 V 2 Reduce V 3 V 1 V 2 Reduce 3 Reduce Reduce V 1 V 2 V 3 V 1 V 2 Reduce 3 SPLIT: Enough Work For One GPU NO MEMORY LIMIT CPU+GPU Execution CPU+GPU Execution On Each Node Final Reduction In Cluster Aggregate Nodes Results Network Apr 3th, 2024

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