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**Connor Jackman\***, 1156 High Street, Santa Cruz, CA 95064. *The Jacobi-Maupertuis principle in the strong force N-body problem.*

The Jacobi-Maupertuis least action principle reformulates the dynamics of a natural mechanical system as a geodesic problem. In this talk we will consider the curvature properties of this metric associated to the strong force N-body problem and observe some dynamical consequences. (Received September 15, 2017)