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A Thermodynamic Model for Behavioral Intelligence ALEXANDER WISSNER-GROSS, CAMERON FREER, Massachusetts Institute of Technology — Recent advances in cosmology and computer science have hinted at a potentially deep connection between intelligence and thermodynamics. Here we attempt to elucidate that connection by showing that a generalization of entropic forces can induce archetypically intelligent behaviors in a variety of classical mechanical systems. These results suggest a simple, but general, thermodynamic model for behavioral intelligence.

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