1050-51-43   **Yaron Ostrover***, 2 Lamson place, Cambridge, MA 02139. *A Symplectic Brunn-Minkowski Inequality.*

The Brunn-Minkowski inequality for volumes of bodies is a fundamental result which has numerous applications in geometry and analysis. In this talk we discuss an analogue of this inequality in the context of symplectic geometry. (This is a joint work with Shiri Artstein-Avidan). (Received February 10, 2009)