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Surena Hozoori* (shozoori3@gatech.edu), 686 Cherry St NW, Atlanta, GA 30332. *Symplectic Geometry of Anosov Flows in Dimension 3 and Bi-Contact Topology.*

We give a purely contact and symplectic geometric characterization of Anosov flows in dimension 3 and set up a framework to systematically use tools from contact and symplectic geometry and topology in the study of Anosov dynamics. (Received December 24, 2020)