

1139-58-503

Dimiter Vassilev* (vassilev@unm.edu), Department of Mathematics and Statistics, MSC01
1115 The University of New Mexico, Albuquerque, NM 87131. *Entropy in CR and quaternionic
contact sub-Riemannian geometries.*

We will focus on some comparison results and show the monotonicity of an entropy like energy for the heat equation in the considered sub-Riemannian settings. (Received February 19, 2018)