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Tedi Draghici* (draghici@fiu.edu), Department of Mathematics, Florida International University, Miami, FL 33199. *On the contact Goldberg conjecture.*

The Goldberg conjecture states that a compact Einstein almost Kähler manifold is necessarily Kähler. Boyer and Galicki proved a K-contact version of the conjecture: a compact Einstein K-contact manifold is Sasaki. We present a new proof and some extensions of this result. (Received August 19, 2007)