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A Anderson and **A Reznikov*** (reznikov@math.fsu.edu), Tallahassee, FL 32306, and **O Vlasiuk** and **E White**. *Discrete polarization on rectifiable manifolds*.

The main focus of the talk is generalize the known results on the asymptotic behavior of the maximal discrete polarization (a.k.a. the N 'th Chebyshev constant). Namely, we show that the asymptotic behavior exists for a large class of rectifiable sets. We further show that this class is somewhat sharp; i.e., if the set badly fails to be rectifiable, then the asymptotic behavior will not exist. (Received September 21, 2021)