

# Determination of functions by Metric Slopes.

Aris Daniilidis \*

Two smooth, convex and bounded from below functions in a Hilbert space are equal up to a constant if and only if their derivatives have the same norm everywhere. We shall give an analogous determination property for the class of continuous, coercive functions in compact metric spaces using the notion of metric slope and discuss extensions in a more general case.

Talk based on several works in collaboration with:  
T. M. Le (TU Wien, Austria), L. Miclo (TSE, France) and D. Salas (UOH, Chile).

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\*TU Wien, [aris.daniilidis@tuwien.ac.at](mailto:aris.daniilidis@tuwien.ac.at)