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**Xiao Zhong\*** ([zhong@maths.jyu.fi](mailto:zhong@maths.jyu.fi)), Department of Mathematics and Statistics, University of Jyväskylä, 40520 Jyväskylä, Finland. *Mappings of finite distortion: discreteness and openness.*

I will talk about a new proof of the following known result: a mapping of finite distortion  $f : \Omega \subset \mathbb{R}^n \rightarrow \mathbb{R}^n$  is either constant or both discrete and open, provided that its distortion function  $K \in L^1_{loc}(\Omega)$  if  $n = 2$ ;  $K \in L^p_{loc}(\Omega)$  for some  $p > n - 1$  if  $n \geq 3$ . This is a joint work with Jani Onninen. (Received August 29, 2006)