Outi Elina Maasalo: *Gehring Lemma in Metric Spaces*; Helsinki University of Technology, Institute of Mathematics, Research Reports A497 (2006).

Abstract: *We present a proof for the Gehring lemma in a metric measure space endowed with a doubling measure. As an application we show the self improving property of Muckenhoupt weights as well as higher integrability of Jacobians of quasisymmetric mappings.*

AMS subject classifications: 42B25

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