Helsinki Analysis Seminar, 2013-10-28 Antti Vähäkangas, University of Helsinki Abstract

A ZEROTH ORDER SOBOLEV-POINCARÉ INEQUALITY ON JOHN DOMAINS

I will first discuss recent developments on fractional order Sobolev-Poincaré inequalities. Then I prove a zeroth order Sobolev-Poincaré inequality by applying a chain method for John domains.