1078-46-81   **Ritva Hurri-Syrjanen***, Department of Mathematics and Statistics, University of Helsinki, FI-00014 Helsinki, Finland, **Petteri Harjulehto**, Department of Mathematics, University of Turku, FI-20014 Turku, Finland, and **Antti V. Vahakangas**, Department of Mathematics and Statistics, University of Helsinki, FI-00014 Helsinki, Finland. *On the $(1,p)$-Poincare inequality.*

We show that s-John domains support the $(1,p)$-Poincare inequality for all finite $p > p_0$. We prove that the lower bound p_0 is sharp. (Received November 22, 2011)