

Natasha Samko

Universidade do Algarve, Portugal

**On weighted estimates of multidimensional Hardy operators
in generalized Morrey spaces**

We study the weighted $p \rightarrow q$ -boundedness of multi-dimensional Hardy type operators in generalized Morrey spaces, local and global. The conditions on weights are necessary and sufficient in the case of power weights. In the case of general weights we provide separately necessary and sufficient conditions.