1006-54-126 **Taras Banakh** and **Murat Tuncali*** (`muratt@nipissingu.ca`), Nipissing University, North Bay, Ontario P1B 8L7, Canada. *Controlled Hahn-Mazurkiewicz Theorem and some new dimension functions of Peano continua.*

We prove that a convex metric space X has fractal dimension $< d$ iff X is the image of $[0, 1]$ under a Hölder map $f : [0, 1] \to X$ with Hölder constant $< 1/d$ (Received February 11, 2005)