1014-46-490 Yuri Brudnyi\* (ybrudnyi@math.technion.ac.il), Department of Mathematics, Technion, 32000 Haifa, Israel, and Alexander Brudnyi (albru@math.ucalgary.ca), Department of Mathematics and Statistics, University of Calgary, Calgary, Alberta T2N 1N4, Canada. Simultaneous Lipschitz Extensions (Part II).

Definition. A metric space  $M_0$  is universal with respect to simultaneous Lipschitz extensions if the following is true. A quasi-isometric image of a subspace of  $M_0$  in an arbitrary metric space M admits a simultaneous Lipschitz extension (see Part I).

According to a result of Lee and Naor, any doubling metric space is universal. It is essential to note that subspaces of doubling metric spaces are also doubling. Our result below present a class of unviersal metric spaces without this hereditary property.

Theorem. A finite direct sum of Gromov hyperbolic metric spaces of bounded geometry and finite-dimensional Banach spaces is universal.

This result remains true for Banach-valued Lipschitz functions.

Example.  $\bigoplus_{i=1}^{N} H^{n_i}$  is universal; here  $H^n$  is the Beltrami-Lobachevski space.

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