

1147-51-278

**Shin-ichi Oguni\*** ([oguni.shinichi.mb@ehime-u.ac.jp](mailto:oguni.shinichi.mb@ehime-u.ac.jp)), 2-5 Bunkyo-cho, Matsuyama, Ehime  
790-8577, Japan. *On a coarse Cartan-Hadamard theorem.*

Recently we introduced a coarse version of non-positively curved spaces and showed a coarse version of the Cartan-Hadamard theorem for such spaces in a joint-work with Tomohiro Fukaya. Based on the work, I explain what is a coarse Cartan-Hadamard theorem with a proof for an easy case and an application to the coarse Baum-Connes conjecture. (Received January 16, 2019)