

1108-28-400

**Hua Qiu\*** ([huaqiu@nju.edu.cn](mailto:huaqiu@nju.edu.cn)), Department of Mathematics, Nanjing University, Nanjing, Jiangsu 210093, Peoples Rep of China. *Two inequalities on the Hausdorff and packing measures of self-similar sets.*

In this talk, I would like to present two basic inequalities on the Hausdorff and packing measures of self-similar sets with or without satisfying the open set condition. Some applications related to these two inequalities will also be given. (Received January 20, 2015)