

1129-47-57

**Genady Ya Grabarnnik\*** ([grabarng@stjohns.edu](mailto:grabarng@stjohns.edu)), Queens, NY 11439. *Mean ergodic theorems in non commutative symmetric spaces*. Preliminary report.

We show embedding theorem and give necessary and sufficient conditions for mean ergodic theorem to hold for double contractions. (Received February 27, 2017)