1114-46-206   **Weihua Li*** (`wli@colum.edu`), Department of Science and Mathematics, 600 S. Michigan Ave., Chicago, IL 60605. *Topological free entropy dimension and MF algebras.*

We obtain upper and lower bounds for topological free entropy dimension, and in many cases we obtain an exact formula for topological free entropy dimension. We also construct some examples of MF algebra. (Received August 27, 2015)