$$\begin{array}{l} a, bab \\ a, bT_{a,b} \\ T_{a,b}(x) = \displaystyle \sum_{n=0}^{\infty} a^n T(b^n x), \\ a, ba < 1, b > 1 \\ T : R \\ \rightarrow \\ T(x) = \{x \ x \in [0, \frac{1}{2}]1 - xx \in [\frac{1}{2}, 1]. \\ T_{a,b}T_{\frac{1}{2},2} \\ T_{a,b} \\ B = 2 + \frac{\ln a}{\ln b} = 1 + \frac{\ln ab}{\ln b}. \\ R \rightarrow f : R \rightarrow \\ f : R \rightarrow \\ T_{a,b} \\ T_{a,b} \\ T_{a,b} \\ T_{a,b} \\ T_{a,b} \\ T_{a,b} \\ S \rightarrow (1, y) \in R^2 : x \in [0, 1], y = f(x)\}. \\ \begin{array}{l} A \cdot b \quad ab > 1 \\ 1 \ k - 1 \ Littlewood \\ 2 \ , \\ C \rightarrow (1, y) \in R^2 : x \in [0, 1], y = f(x)\}. \\ \begin{array}{l} A \cdot b \quad ab > 1 \\ 1 \ k - 1 \ Littlewood \\ 2 \ , \\ C \rightarrow (1, y) \in R^2 : x \in [0, 1], y = f(x)\}. \\ \begin{array}{l} A \cdot b \quad 1 \ Littlewood \\ 1 \ k - 1 \ Littlewood \\ 2 \ k - 1 \ Littlewood \\ 3 \ Littlewood \\ 4 \ Litt$$

 $L(y) = \{x \in [0,1] : T_{a,b}(x) = y\} \times \{y\}.$