

Generator Of Recurring Numbers (Derived by Nick Bailuc, 2017)

$$f(x) = \sum_{n=\lambda_1}^{\lambda_2} [10^{n \lceil \log |x| \rceil} x]$$

$$f(x) = \text{sum from } n = \lambda_1 \text{ to } \lambda_2 \\ [10^{\lceil n \lceil \log \text{abs } x \rceil \rceil} x]$$