Proof of Riemann hypothesis

$$F_1(N) = Li(N)$$

$$F_{n+1}(N) = -\int_2^{F_n\left(\frac{N}{x}\right) - F_n(x) > 0} \left(\frac{F_n\left(\frac{N}{x}\right) - F_n(x)}{lnx} \right) dx$$

$$M(N) = \sum_{t=1}^{|F_t(N)|>0} F_t(N)$$

M(x) = $O(x^{1/2 + \varepsilon})$ for any ε > 0

is equivalent to the Riemann hypothesis.