

Joe's cracked prime counting formula

From God, we know:

$$\Pi_{\varepsilon}^{\varrho}(x) = \sum_{s=0}^{\varrho} (1 + e^{2\varepsilon(s-x)})^{-1} \max \left\{ \frac{\cos(\pi s)^{2\varepsilon}}{1 + e^{\varepsilon(6-4s)}} - \sum_{q=2}^{\varrho} \frac{\cos\left(\frac{\pi s}{q}\right)^{2\varepsilon}}{1 + e^{\varepsilon(6q-4s)}}, 0 \right\}$$

where $\varrho, \varepsilon \in \mathbb{N}_0$ are large.

$$\Pi(x) = \lim_{\varrho, \varepsilon \rightarrow \infty} \Pi_{\varepsilon}^{\varrho}(x)$$

Credit goes to [Joe](#).