$$\lceil \log(10^{\lceil \log(x+1) \rceil} + \left[\sum_{j=0}^{\lceil \log(x+1) \rceil} (10^j \cdot 2^{\left\lceil \left| \left(\lfloor \frac{x}{10^j} \rfloor \bmod 10 \right) - \left(\lfloor \frac{x}{10^{j+1}} \rfloor \bmod 10 \right) \right| \right\rceil} \bmod 2) \right] \cdot 10 + 2) \rceil - 2$$

$$\sum_{i=0}^{} n$$