

$$\begin{aligned}
F(x, b) &= \prod_{i=2}^b \prod_{j=0}^{\lceil \log_b(x+1) \rceil} \left\lceil \frac{eq(dat(x, b, j), 1) + eq(dat(x, b, j), 0)}{2} \right\rceil \\
1 &= \prod_{i=2}^6 \prod_{j=0}^{\lceil \log_6(x+1) \rceil} \left\lceil \frac{eq(dat(x, 6, j), 1) + eq(dat(x, 6, j), 0)}{2} \right\rceil
\end{aligned}$$