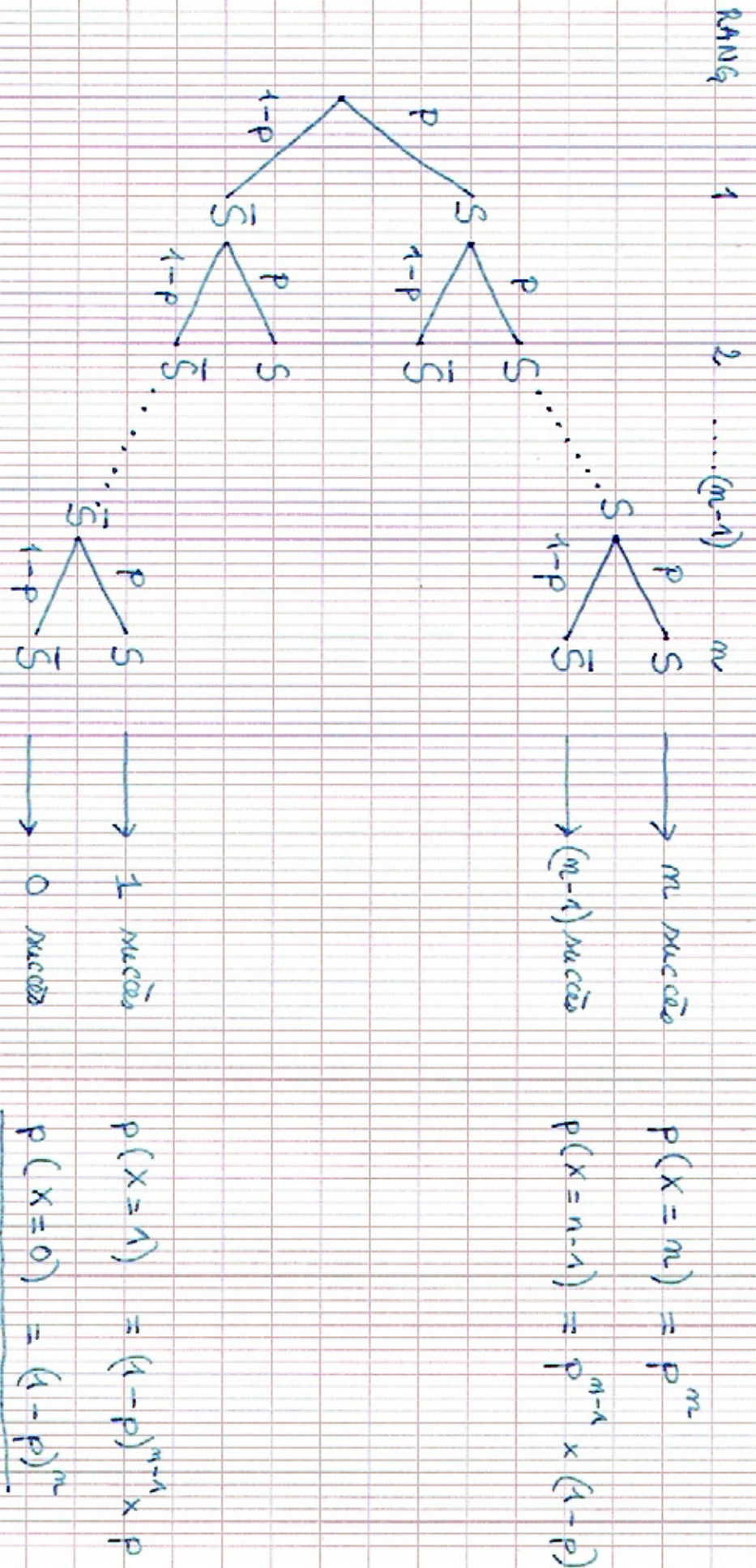


# LOI BINOMIALE

## Généralisation



$$\begin{aligned}
 &P(X=0) + P(X=1) + \dots + P(X=n-1) + P(X=n) = 1 \\
 &(1-p)^n + (1-p)^{n-1} \times p + \dots + p^{n-1} \times (1-p) + p^n = 1
 \end{aligned}$$