lunes, 25 de abril de 2022 14.4

Demostrar que el llenguatge l'an nes primo? és no regular.

Definición del lema de bombeo

Entences mediante el contrarectorico:

$$|X| = |XYZ| = |X| = |XYZ| = |X| = |XYZ| = |X| = |$$

 $\left| a^{\kappa} a^{\tilde{j}} a^{N+1} N^{-j-\kappa} \right| = \left| a^{\kappa} a^{\tilde{j}} a^{N-\tilde{j}-\kappa} \right| + \left| a^{\tilde{j}} N \right| = N + N + \left| a^{\tilde{j}} \right| = N + \left| a^{\tilde{j}} \right|$

$$\begin{array}{ll}
\omega = xy \\
x = \alpha \\
y = \alpha^{j} \\
y = \alpha^{j}
\end{array}$$