Práctica 1

Diego Jesús Romero Luque

25 de octubre de 2022

1. **Within the folder "files", find a TEX file in whose content appears the string "\use-package{amsthm, amsmath}".**

```
$ cd files/
$ grep -n -F "\usepackage{amsthm, amsmath}" *.tex
mainP.tex:6:\usepackage{amsthm, amsmath}
```

Consideremos $L = \{w \in \{a, b\}^* : w$ no termina en $ab\}$. Un expresión regular que genera L es:

$$L = \{w \in \{a, b\}^* : w = (a + b)^*(a + b + aa + ba + bb + \epsilon)\}$$