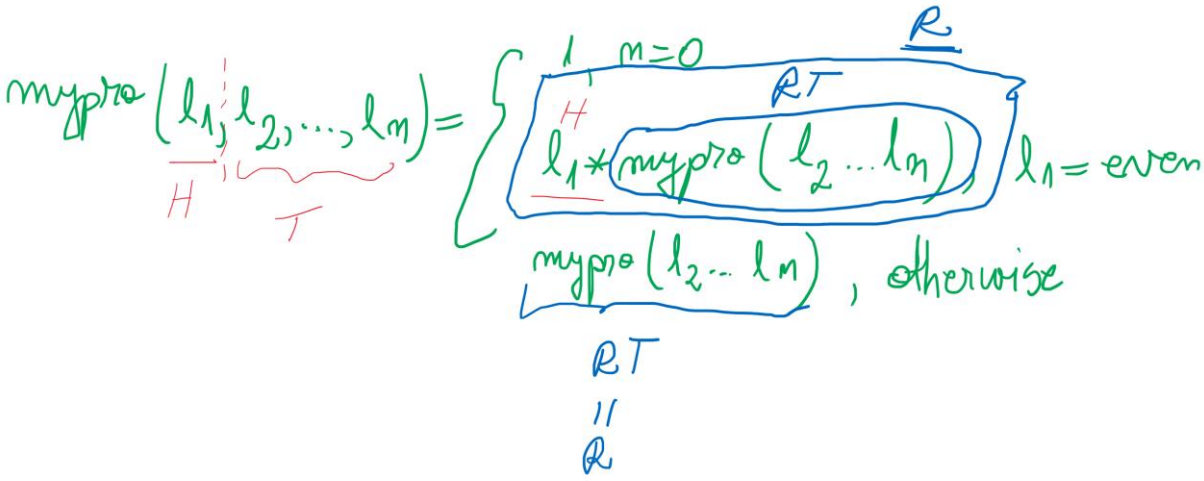
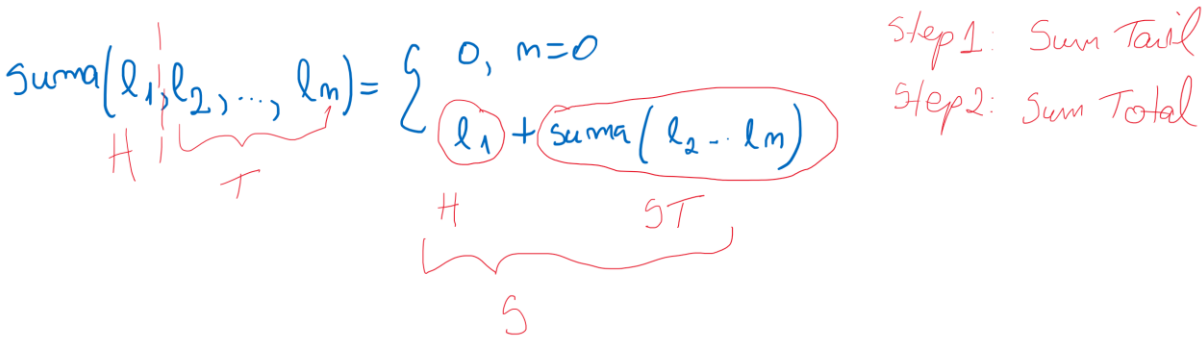
Math models – Lab 2 – Prolog 1





$$ins(\underbrace{l_1}_{H}\underbrace{\ldots l_n}_{T}, E, ip, cp) = \begin{cases} [E] & n=1 \\ E \cup \underset{H}{l_1} \cup \underbrace{ins(l_2 \ldots l_n, ip, cp+1)}_{RT}, & cp = ip \\ \underset{H}{l_1} \cup \underbrace{ins(l_2 \ldots l_n, ip, cp+1)}_{RT}, & cp \neq ip \end{cases}$$