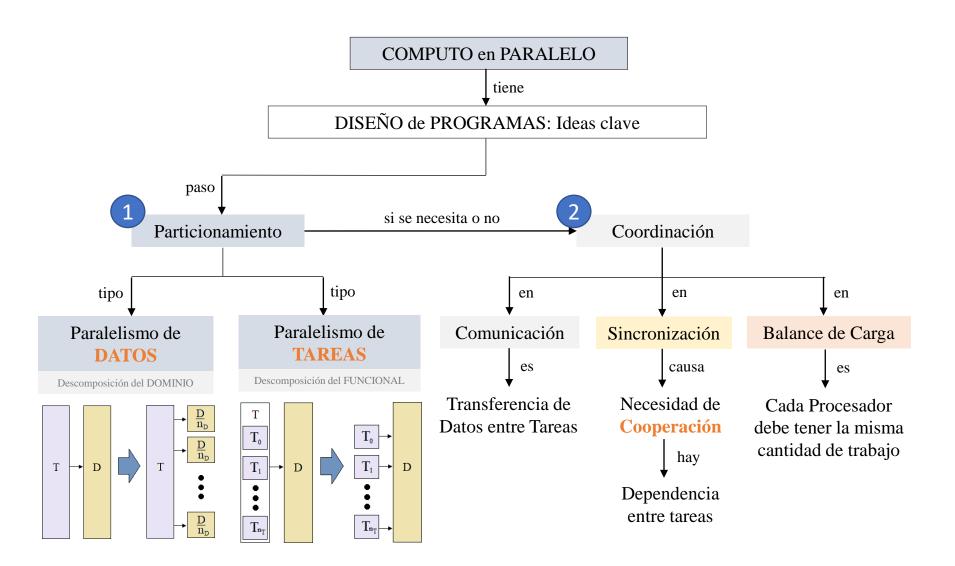
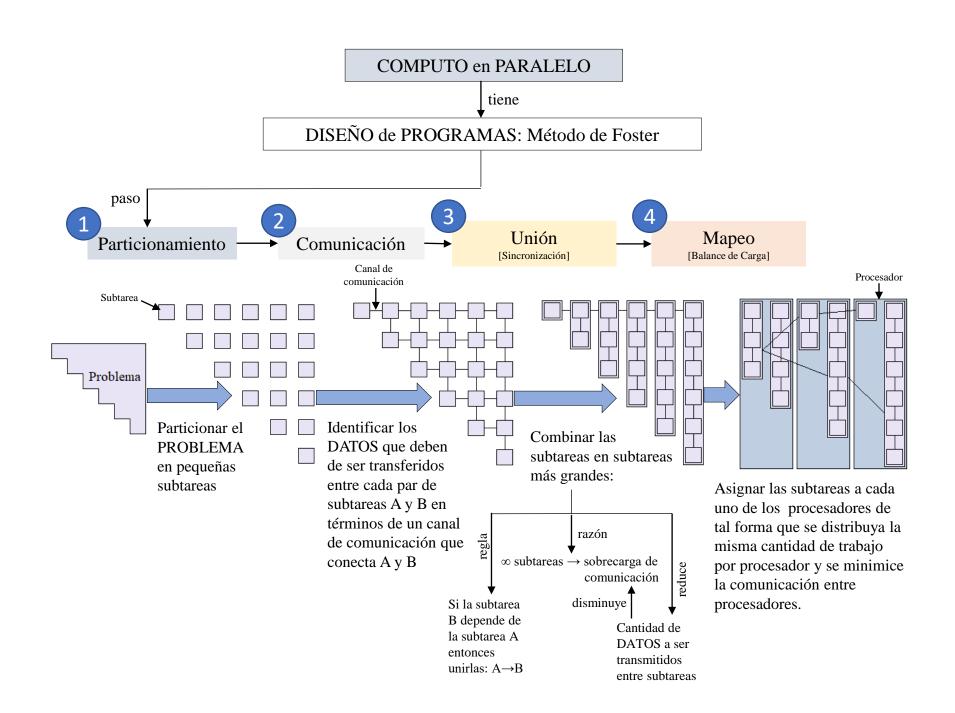
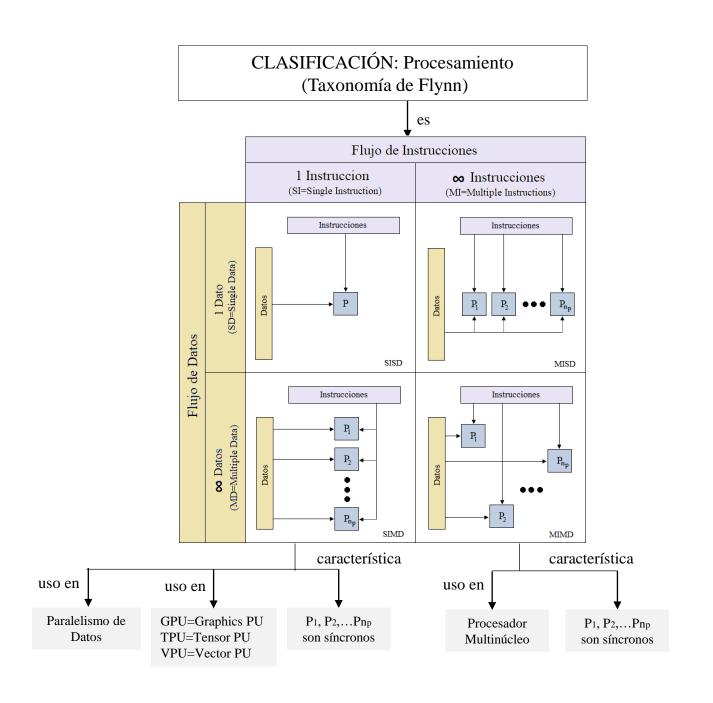


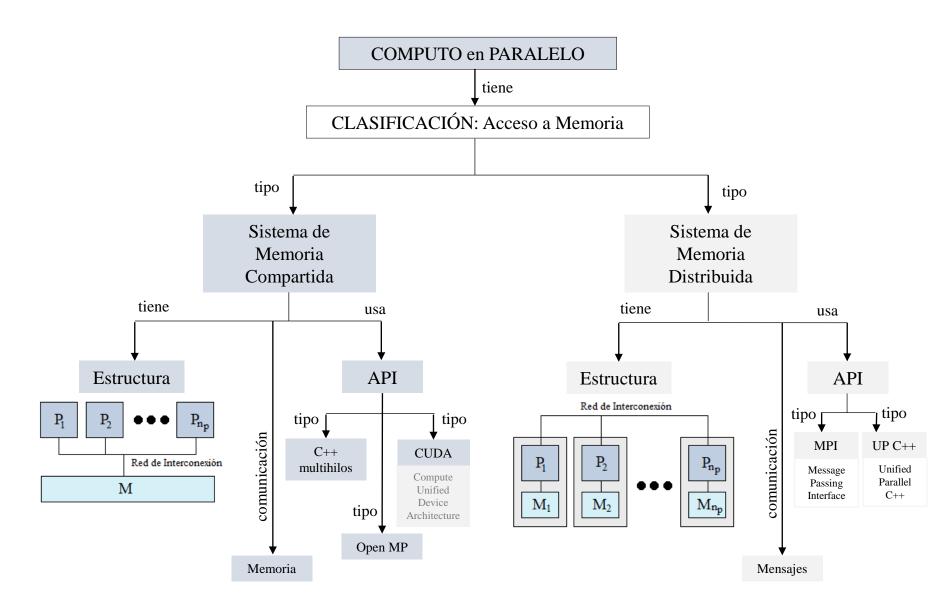
PROGRAMACIÓN en PARALELO

FUNDAMENTOS

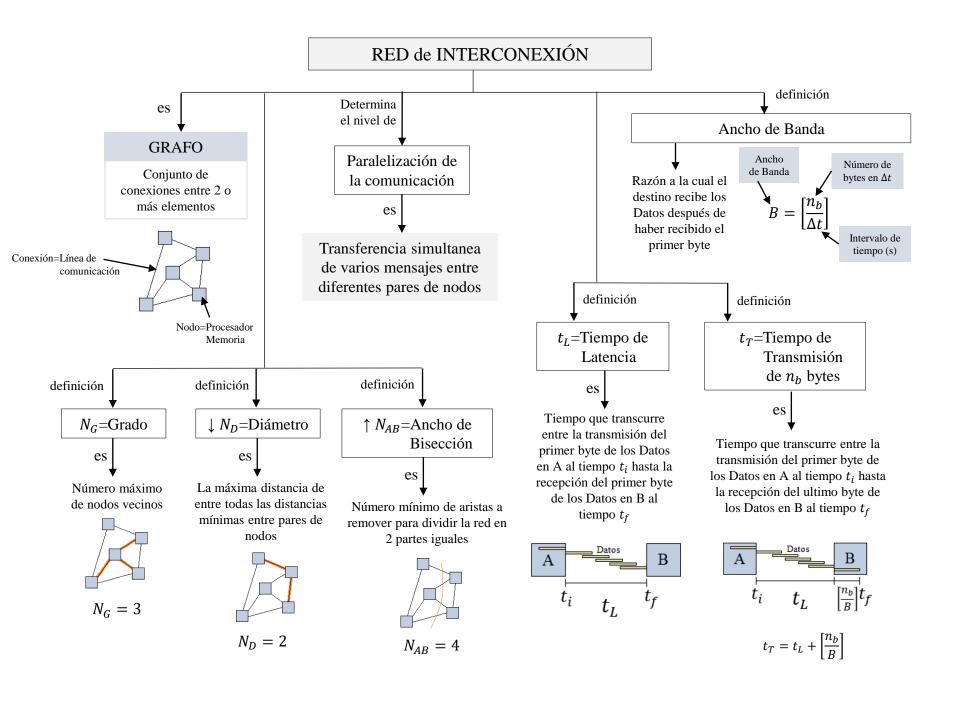


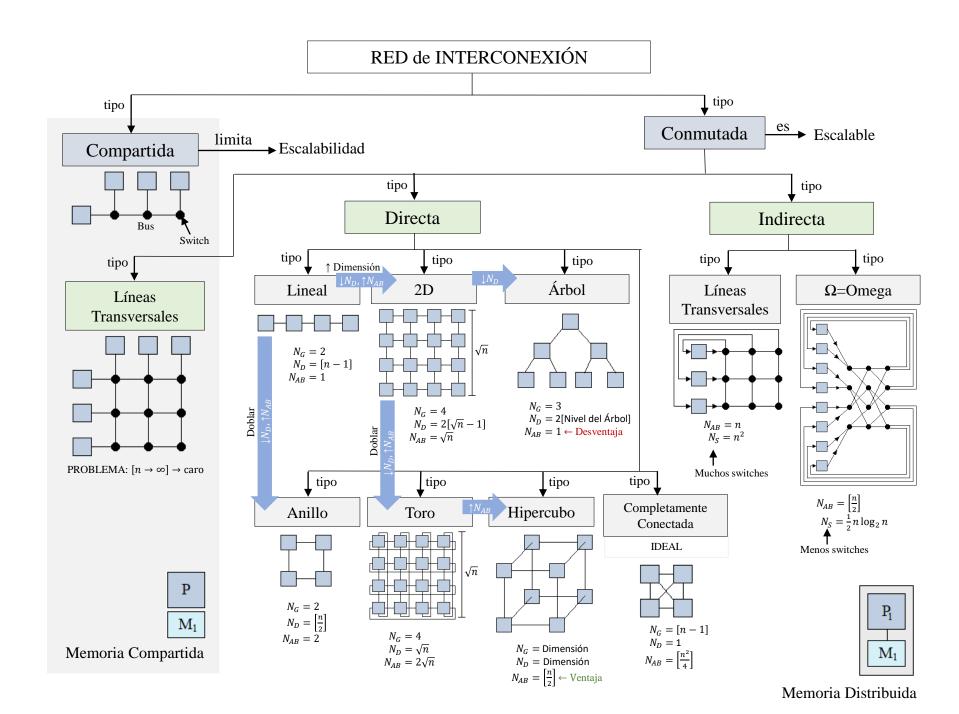


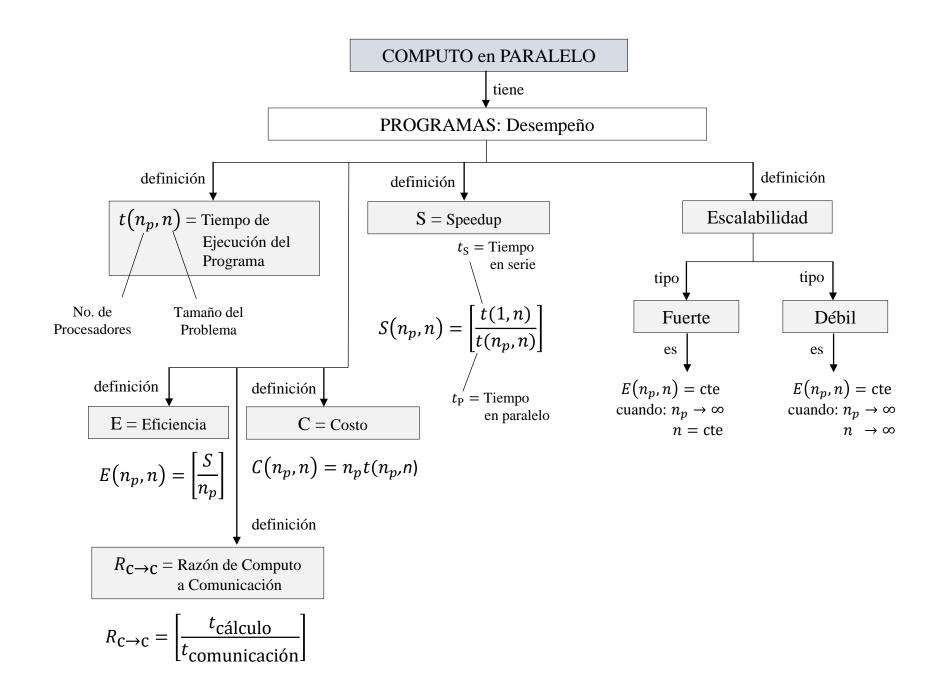


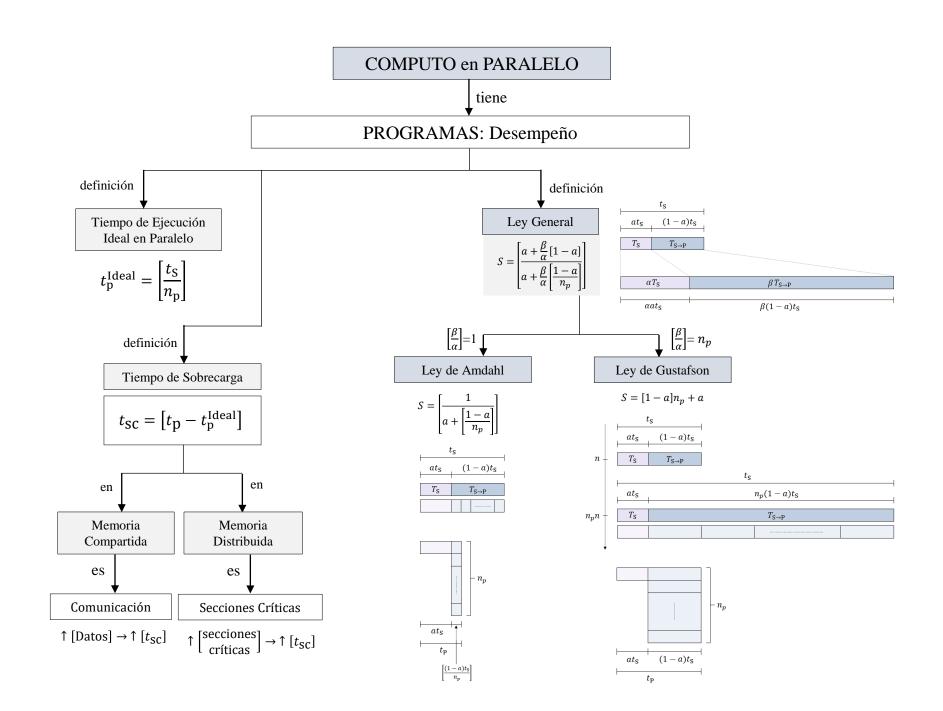


NOTA: Pi=*i*-esima Unidad de Procesamiento Mi=*i*-esima Memoria np=Numero de Procesadores









$$\left[\frac{a)t_{\mathrm{S}}}{n}\right] \left[\frac{1}{n_{p}}\right] (1-a)t_{\mathrm{S}}$$

 $T_{\rm S}~T_{{\rm S}
ightarrow {\rm P}}~~ lpha at_{\rm S}~eta(1-a)t_{\rm S}~n~~ n_p(1-a)t_{\rm S}=$ Tiempo en paralelo

 $T_{\rm S}~T_{{
m S} o {
m P}}~~ lpha a t_{
m S}~ eta(1-a) t_{
m S}~~ n~~ n_p n~~ n_p (1-a) t_{
m S} =$ Tiempo en paralelo

$$\left[\frac{(1-a)t_{\rm S}}{n_p}\right] \left[\frac{1}{n_p}\right] (1-a)t_{\rm S}$$