

Ejemplo 4

$$R_1 = C_1$$

$$R_2 = C_2 + \frac{R_2}{T_1} \cdot C_1$$

Tarea	T	C	P	R
τ_1	7	3	3	3 ✓
τ_2	12	3	2	6 ✓
τ_3	20	5	1	20 ✓

$w_2^0 = 3$
 $w_2^1 = 3 + \left[\frac{3}{7} \right] \cdot 3 = 6$
 $w_2^2 = 3 + \left[\frac{6}{7} \right] \cdot 3 = 6; R_2 = 6$

$R_1 = 3$

$w_3^0 = 5$
 $w_3^1 = 5 + \left[\frac{5}{7} \right] \cdot 3 + \left[\frac{5}{12} \right] \cdot 3 = 11$
 $w_3^2 = 5 + \left[\frac{11}{7} \right] \cdot 3 + \left[\frac{11}{12} \right] \cdot 3 = 14$
 $w_3^3 = 5 + \left[\frac{14}{7} \right] \cdot 3 + \left[\frac{14}{12} \right] \cdot 3 = 17$
 $w_3^4 = 5 + \left[\frac{17}{7} \right] \cdot 3 + \left[\frac{17}{12} \right] \cdot 3 = 20$
 $w_3^5 = 5 + \left[\frac{20}{7} \right] \cdot 3 + \left[\frac{20}{12} \right] \cdot 3 = 20$

$R_3 = 20$

Todas las tareas tienen sus plazos garantizados

Ejemplo 3 (repaso)

Tarea	T	C	P	U	R
τ_1	20	5	3	0,250	5 ✓
τ_2	40	10	2	0,250	15 ✓
τ_3	80	40	1	0,500	80 ✓
				1,000	

$$R_1 = C_1$$

$$R_2 = C_2 + \frac{R_2}{T_1} C_1$$

$R_1 = 5$

$$w_2^0 = 10$$

$$w_2^1 = 10 + \left[\frac{10}{20} \right] \cdot 5 = 15$$

$$w_2^2 = 10 + \left[\frac{15}{20} \right] \cdot 5 = 15; \quad R_2 = 15$$

$w_3^0 = 40$

$$w_3^1 = 40 + \left[\frac{40}{20} \right] \cdot 5 + \left[\frac{40}{40} \right] \cdot 10 = 60$$

$$w_3^2 = 40 + \left[\frac{60}{20} \right] \cdot 5 + \left[\frac{60}{40} \right] \cdot 10 = 75$$

$$w_3^3 = 40 + \left[\frac{75}{20} \right] \cdot 5 + \left[\frac{75}{40} \right] \cdot 10 = 80$$

$$w_3^4 = 40 + \left[\frac{80}{20} \right] \cdot 5 + \left[\frac{80}{40} \right] \cdot 10 = 80 \quad R_3 = 80$$

Todas las tareas tienen sus plazos garantizados