

UCA Ingeniería
Problema 84

MO dpto 1)
MO dpto 2)
Materiales
Punto eq A
Punto eq B
Punto eq C
Tpto Extra dtp 1
Tpo extra dto 2
Utilidades
Demanda A
Demanda B
Demanda C
Z

$$4A + 12B + 10C + H_1^- - H_1^+ = 8000$$

$$6A + 6B + 16C + H_2^- - H_2^+ = 4000$$

$$8A + 6B + 12C + M_1^- - M_1^+ = 8000$$

$$A + E_1^- - E_1^+ = 100$$

$$B + E_2^- - E_2^+ = 50$$

$$C + E_3^- - E_3^+ = 50$$

$$H_1^+ + E_4^- - E_4^+ = 200$$

$$H_2^+ + E_5^- - E_5^+ = 600$$

$$30A + 70B + 150C - 2H_1^+ - 3H_2^+ - 2M_1^+ + u^- - u^+ = 20000$$

$$A + d_1^- - d_1^+ = 1000$$

$$B + d_2^- - d_2^+ = 500$$

$$C + d_3^- - d_3^+ = 200$$

$$Z = P1H_1^- + P1H_2^- + P2E_1^- + P2E_2^- + P2E_3^- + P3E_4^+ + P3E_5^+ + P4u^- + P530d_1^- + P570d_2^- + P5150d_3^- \text{ min}$$