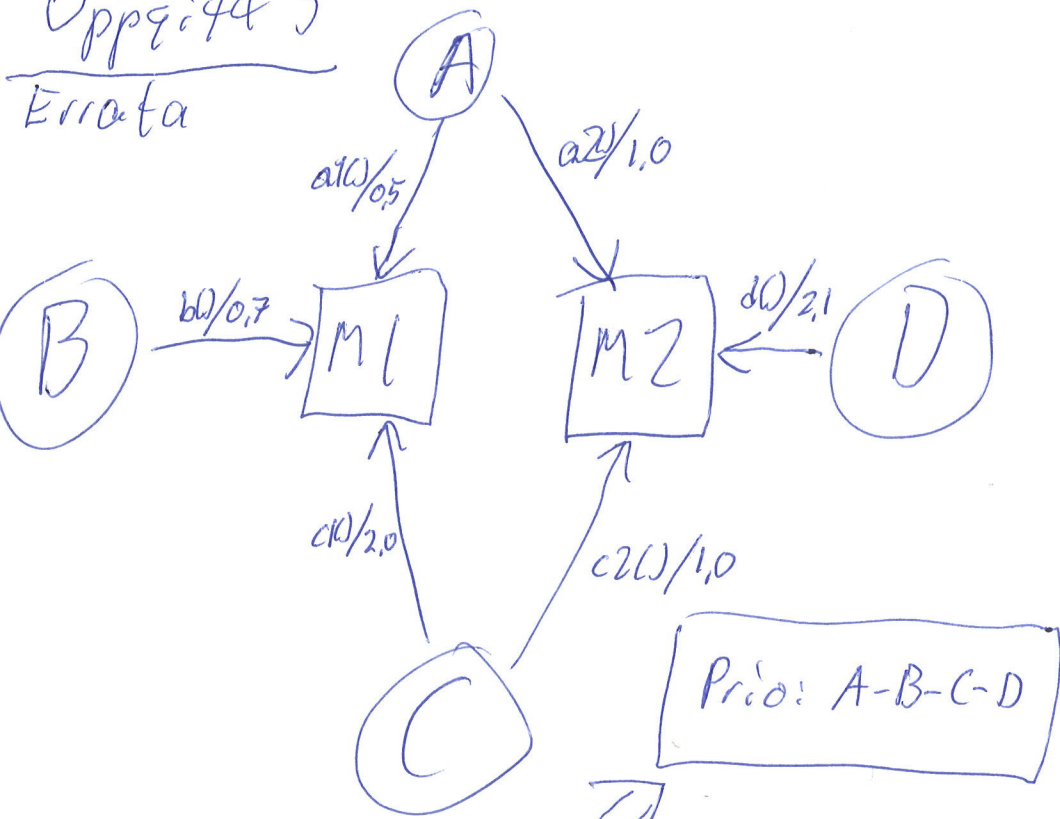


Uppgift 5

Errata



	C	T
A	2.0	7.0
B	3.0	12.0
C	4.0	16.0
D	7.0	25.0

$$B_A = \max(0.7, 2.0) + \max(1.0, 2.1) = 4.1$$

$$B_B = \max(2.0 + 2.1, 1.0) = 4.1$$

$$B_C = 2.1$$

$$B_D = 0$$

$$R_A = 2.0 + 4.1 = 6.1 \leq 7.0$$

$$R_B = 3 + 4.1 = 7.1$$

$$R_B = 7.1 + \left\lceil \frac{7.1}{7} \right\rceil \cdot 2 = 11.1$$

$$R_B = 7.1 + \left\lceil \frac{11.1}{7} \right\rceil \cdot 2 = 11.1 \leq 12.0 \text{ OK}$$

$$R_C = 4.0 + 2.1 = 6.1$$

$$R_C = 6.1 + \left\lceil \frac{6.1}{7} \right\rceil \cdot 2 + \left\lceil \frac{6.1}{12} \right\rceil \cdot 3 = 11.1$$

$$R_C = 6.1 + \left\lceil \frac{11.1}{7} \right\rceil \cdot 2 + \left\lceil \frac{11.1}{12} \right\rceil \cdot 3 = 13.1 \leq 16 \text{ OK}$$

$$R_C = 6.1 + \left\lceil \frac{13.1}{7} \right\rceil \cdot 2 + \left\lceil \frac{13.1}{12} \right\rceil \cdot 3 = 16.1$$

$$R_C = 6.1 + \left\lceil \frac{16.1}{7} \right\rceil \cdot 2 + \left\lceil \frac{16.1}{12} \right\rceil \cdot 3 = 18.1$$

$$R_D = 7 + 0 = 7$$

$$R_D = 7 + \left\lceil \frac{7}{7} \right\rceil \cdot 2 + \left\lceil \frac{7}{12} \right\rceil \cdot 3 + \left\lceil \frac{7}{16} \right\rceil \cdot 4 = 16$$

$$R_D = 7 + \left\lceil \frac{16}{7} \right\rceil \cdot 2 + \left\lceil \frac{16}{12} \right\rceil \cdot 3 + \left\lceil \frac{16}{16} \right\rceil \cdot 4 = 23$$

$$R_D = 7 + \left\lceil \frac{23}{7} \right\rceil \cdot 2 + \left\lceil \frac{23}{12} \right\rceil \cdot 3 + \left\lceil \frac{23}{16} \right\rceil \cdot 4 = 29$$

$$R_D = 7 + \left\lceil \frac{29}{7} \right\rceil \cdot 2 + \left\lceil \frac{29}{12} \right\rceil \cdot 3 + \left\lceil \frac{29}{16} \right\rceil \cdot 4 = 34$$

$$R_D = 7 + \left\lceil \frac{34}{7} \right\rceil \cdot 2 + \left\lceil \frac{34}{12} \right\rceil \cdot 3 + \left\lceil \frac{34}{16} \right\rceil \cdot 4 = 38$$

$$R_C = 6.1 + \left\lceil \frac{18.1}{7} \right\rceil \cdot 2 + \left\lceil \frac{18.1}{12} \right\rceil \cdot 3 = 19.1$$

EJ OK

≥ 25

Ej OK

Verhar inte konvergen...

Kollar U: $2/7 + 3/12 + 4/16 + 7/25 \approx 1.066 > 100\%$
 Upprepar inte schemalaggningsber...