Contracorrente

$$31_2 = 0$$
 an $16tm$
 $20^{\circ}C$
 $41 = 0.01$
 $L_S = 65 \text{ mol/s}$
 $G_S = 24 \text{ mol/s}$
 $P_A = P_A^* \times_A$
 $A_A = P_A^* \times_A$

a)

$$G_{5}Y_{1} = G_{1}Y_{1}$$
 $G_{1} = G_{1}Y_{1}$
 $G_{1} = \frac{24}{0.99} = \frac{24.24 \text{ G/s}}{0.99}$
 $G_{1} = \frac{24}{0.99} = \frac{24.24 \text{ G/s}}{0.99}$

$$G_2 y_2 = (1-0.5) G_1 y_1$$
 $G_2 y_2 = 0.5 G_1 * 6.01$
 $G_2 y_2 = 0.5 G_1 * 6.01$
 $G_3 y_1 + L x_2 = G y_2 + L x_1$
 $G_3 (y_1 - y_2) = L x_1$
 $G_4 (0.01 - 0.005) = x_1 = 0.00185$
 $G_4 - g_1^* = 0.01 - 2 * 0.00185 = 0.00185$

 $y_2 - y_2^* = 0.005$

0.0063

$$21_{1}^{*} = \frac{y_{1}}{2} = 0.005$$

G Z GZ

50% remace

$$L x_{1} + G y_{1} = L x_{2} + G y_{2}$$

$$= \frac{0.01}{9.005} = 0.005$$

$$\frac{y_{1} - y_{2}}{x_{1} - x_{2}} = -\frac{L}{G} = 24$$

$$= \frac{24}{32} = 0.00185$$

a)
$$\frac{L_{min}}{24} = \frac{0.005}{-x_2^*} = \frac{2}{2} \Rightarrow \frac{L_{min}}{-x_2^*} = \frac{48 \text{ GeV}}{m^2 \text{ S}}$$

$$0.005 = 2 \text{ M/m}^*$$
 $2500.00 = 2 \text{ M/m}^*$

c) Topo $y_1 - y_1^* = 0.01 - 0 = 0.01$ bose $y_2 - y_2^* = 0.005 - 2*0.00185$ $= 1.3 \times 10^{-3}$ All bose $y_1 - y_2^* = 0.005 - 2*0.00185$

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