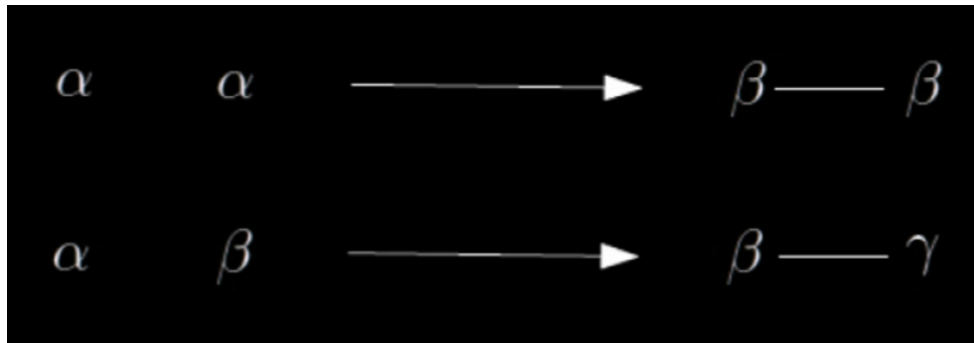


HW04-pblm7a

Wednesday, April 6, 2022

5:52 AM



$\alpha \quad \alpha \quad \alpha$

$\alpha \quad \alpha \quad \alpha$

$\alpha \quad \alpha \quad \alpha$

$\downarrow r_1$

$\alpha \quad \beta - \beta$

$\alpha \quad \alpha \quad \alpha$

$\alpha \quad \alpha \quad \alpha$

$\downarrow r_n$

$\beta - \gamma - \gamma$

$\alpha \quad \alpha \quad \begin{array}{c} | \\ \beta \end{array}$

$\alpha \quad \alpha \quad \alpha$

$\downarrow r_n$

$\gamma - \gamma - \gamma$

$\begin{array}{c} | \\ \beta \end{array} \quad \alpha \quad \begin{array}{c} | \\ \gamma \end{array}$

$\alpha \quad \alpha \quad \begin{array}{c} | \\ \beta \end{array}$

$\downarrow r_n$

$$\begin{array}{ccc}
 \gamma & - & \gamma - \gamma \\
 1 & & 1 \\
 \gamma & - & \beta \quad \gamma \\
 \alpha & & \beta - \frac{1}{\gamma}
 \end{array}$$

$$\downarrow r_n$$

$$\begin{array}{ccc}
 \gamma & - & \gamma - \gamma \\
 1 & & 1 \\
 \gamma & - & \beta \quad \gamma \\
 \beta & - & \gamma - \frac{1}{\gamma}
 \end{array}$$