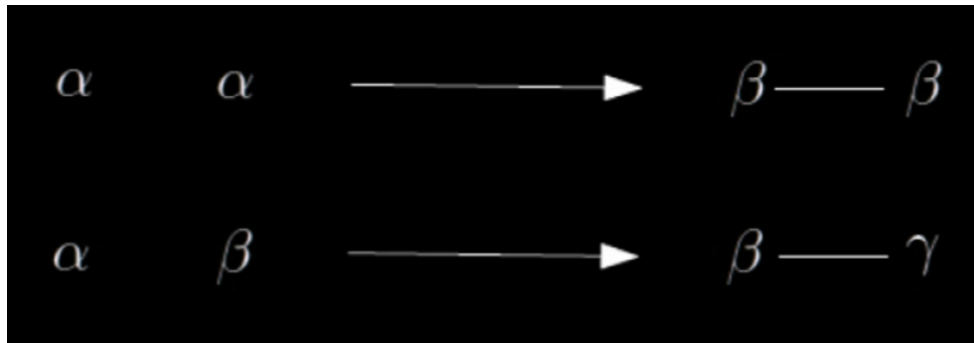


HW04-pblm7a

Wednesday, April 6, 2022

5:52 AM



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

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

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

$\downarrow r_1$

$\alpha \quad \beta - \beta$

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

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

$\downarrow r_n$

$\beta - \gamma - \gamma$

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

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

$\downarrow r_n$

$\gamma - \gamma - \gamma$

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

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

$\downarrow r_n$

$$\begin{array}{ccccc}
 \gamma & - & \gamma & - & \gamma \\
 1 & & & & 1 \\
 \gamma & - & \beta & & \gamma \\
 \alpha & & \beta & - & \gamma
 \end{array}$$

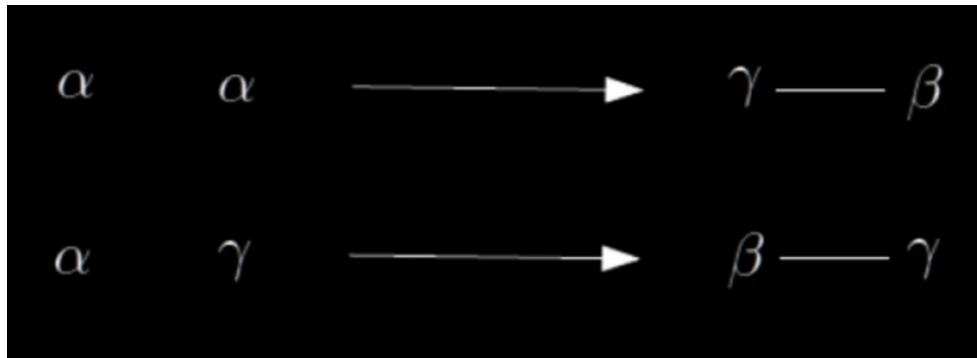
$$\downarrow r_n$$

$$\begin{array}{ccccc}
 \gamma & - & \gamma & - & \gamma \\
 1 & & & & 1 \\
 \gamma & - & \beta & & \gamma \\
 \beta & - & \gamma & - & \gamma
 \end{array}$$

HW04-pblm7b

Wednesday, April 6, 2022

06:03



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

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

$\downarrow r_1$

$\alpha \quad \gamma - \beta$

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

$\downarrow r_2$

$\beta - \gamma - \beta$

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

$\downarrow r_2$

$\beta - \gamma - \beta$

$\beta \diagdown \alpha \quad \alpha$

$\downarrow r_2$

$\beta - \gamma - \beta$

$\beta \diagdown \beta \quad \alpha$

$\downarrow r_2$

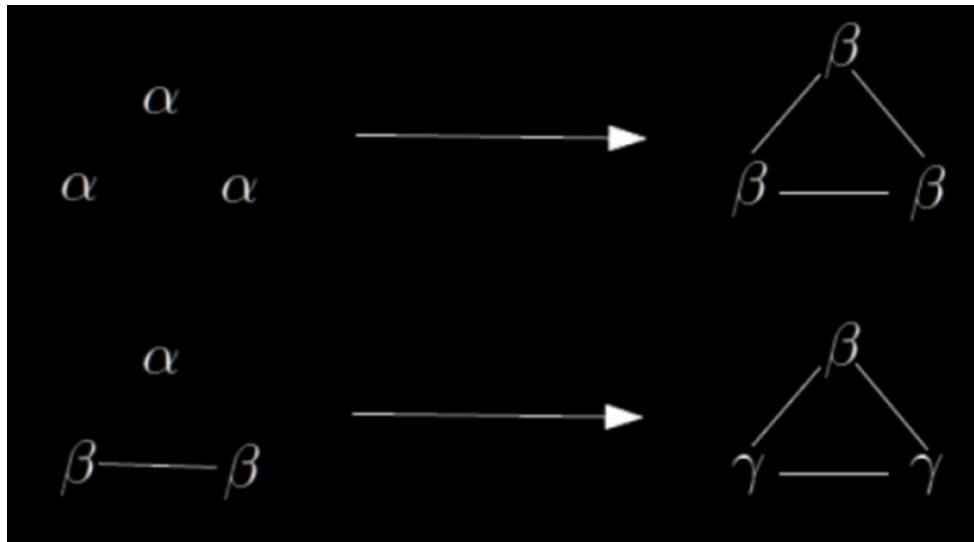
$\beta - \gamma - \beta$

$\beta \diagdown \beta \quad \beta$

HW04-pblm7c

Wednesday, April 6, 2022

06:18



α α α
 α α
 α α α

$\downarrow r_1$

α β α
 β — β

α α α
 α α

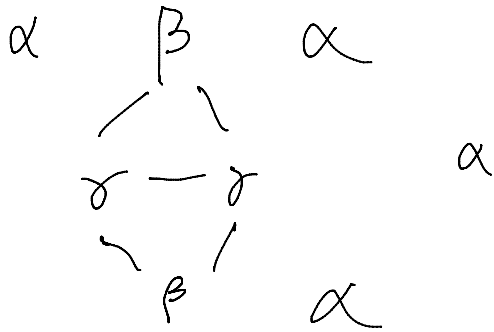
$\downarrow r_1$

β — β α
 β — β α

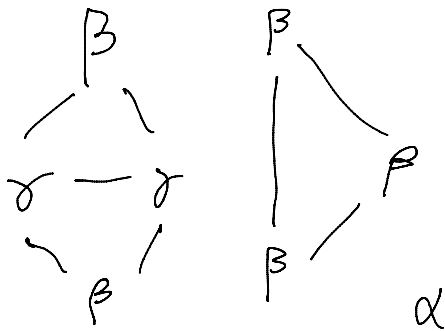
$\downarrow r_2$

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

$\downarrow r_2$



$\downarrow r_1$



$\downarrow r_2$

