

Review question 3

donderdag 9 februari 2023 13:01

$$P_3 == \text{new } m; \left(\left(\text{new } n; \text{inp } m \ x; \text{split } (x, m) \text{ is } (y, z); \text{split } y \text{ is } (z, y); \text{new } m; \text{out } z \ m; \right) \right. \\ \left. \mid \text{out } m \ (m, x); \text{inp } m \ x; \right)$$

$$P_3 == \text{new } m; \left(\left(\text{new } n; \text{inp } m \ x_1; \text{split } (x_1, m) \text{ is } (y, z); \text{split } y \text{ is } (x_2, y_2); \text{new } k; \text{out } x_2 \ k; \right) \right. \\ \left. \mid \text{out } m \ (m_2, x_1); \text{inp } m_2 \ x_3; \right)$$

$$\rightarrow \text{new } m; \text{new } n; \left(\text{inp } m \ x; \text{split } (x, m) \text{ is } (y, z); \text{split } y \text{ is } (x_2, y_2); \text{new } k; \text{out } x_2 \ k; \mid \text{out } m \ (m_2, x); \text{inp } m_2 \ x_3; \right)$$

$$\rightarrow \text{new } m; \text{new } n; \left(\text{split } (m_2, x) \text{ is } (y, z); \text{split } y \text{ is } (x_2, y_2); \text{new } k; \text{out } x_2 \ k; \mid \text{inp } m_2 \ x_3; \right)$$

$$\rightarrow \text{new } m; \text{new } n; \left(\text{split } (m_2, x) \text{ is } (x_2, y_2); \text{new } k; \text{out } x_2 \ k; \mid \text{inp } m_2 \ x_3; \right)$$

$$\rightarrow \text{new } m; \text{new } n; \left(\text{new } k; \text{out } m_2 \ k; \mid \text{inp } m_2 \ x_3; \right)$$

$$\rightarrow \text{new } m; \text{new } n; \text{new } k; \left(\text{out } m_2 \ k; \mid \text{in } m_2 \ x_3; \right)$$

$$\rightarrow \text{new } m; \text{new } n; \text{new } k; \text{stop};$$