

Problem 9.1

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$$\mathbf{1}.x_0 * x_0$$

$$\mathbf{2}.x_0 + \bar{x}_0$$

$$\mathbf{3}.x_0 * \bar{x}_0$$

$$S. \quad (C \Rightarrow (C \Rightarrow C) \Rightarrow C) \Rightarrow (C \Rightarrow C \Rightarrow C) \Rightarrow C \Rightarrow C$$

$$K. \quad C \Rightarrow (C \Rightarrow C) \Rightarrow C$$

$$MP. \quad (C \Rightarrow C \Rightarrow C) \Rightarrow C \Rightarrow C$$

$$K. \quad C \Rightarrow C \Rightarrow C$$

$$MP. \quad C \Rightarrow C$$

$$K. \quad (C \Rightarrow C) \Rightarrow A \Rightarrow (C \Rightarrow C)$$

$$MP. \quad A \Rightarrow (C \Rightarrow C)$$