7 (x) 7 (P = : [x] (P

< >> \vert : exists a way to execute \alpha, such that

& istrue

[x]e: for all executions of x, pis true.

Thursday, November 23, 2023 4:38 PM

Can we derive
$$[x]y \models \langle x \rangle y$$

1. Lx>2; 4 0 1. <x>2:74

 $(\alpha)(p\rightarrow q) \models (\alpha)q \vee (\alpha)7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle q \vee \langle \alpha\rangle 7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle q \vee \langle \alpha\rangle 7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle q \vee \langle \alpha\rangle 7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle q \vee \langle \alpha\rangle 7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle q \vee \langle \alpha\rangle 7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle q \vee \langle \alpha\rangle 7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle q \vee \langle \alpha\rangle 7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle q \vee \langle \alpha\rangle 7p$ $1: \langle \alpha\rangle(p\rightarrow q) \circ 1: \langle \alpha\rangle(p\rightarrow q) \circ 1$