(Co, 6) > 6' (Co; C1, 6) x (C1, 6') (c,6) > (c6,6)7 ⟨co;c,6> → ⟨có;c,,6'> (Co.b) A (about 6)

<0030,67 -> (about, 6)

< C. [P | N: LEJE]) > 6 < newvar v:= e in c, 6> _ > [6] v:6(v)]

<0, [6 | V: [e] 6] > Labort, 6'7 < newvar V:= e in C, 67 - <abort, [61] v:6(0)]>

<c, [6](: [6]) > (0', 6')

1

E S

<newvar v:=e mc, 67 -> (newvar v:=blo) mc', E6' 10:6(0)37

Whenever an old rule contains a premise, we copy the rule and a put it above - in the premise and the conclusion, So that the label I gets propagated from the execution of. a subcommand to that of the original command.

(4) This operational semantics corresponds to the denotational Summittes that we studied. The correspondence is formalised by the function F in p184 of the textbook. Intuitively, I runs a configuration wants until it finishes, or outputs a number, or waits for an input. I then neturns what it gets when it completes, this execution. In a yearse, the correspondence says that the denotational Secuentics comes from the operational sementics after unobservable intermediate states are abstracted away . For detail, look at the textbook.