Example exercise 1

Tuesday, 28 April 2020 15

15.01

By using SOS rules for CCS, prove the existence of the following transition (assume $A^{\text{ef}}a,A$).

Solution:

$$\frac{(ACT)}{a.A \xrightarrow{a} A} \xrightarrow{A \xrightarrow{a} A} A \xrightarrow{a} A$$

Tips: derivations can be more easily constructed bottom-up, by letting us guide by the structure of the term on the left hand side of the transition.