Charpter 1

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Exercise 1.1

Given functions $f : A \to B$ and $g : B \to C$, define their composite $g \circ f$. Show that we have $h \circ (g \circ f) = (h \circ g) \circ f$

Proof. □

Exercise 1.2

Derive the recursion principle for products $\mathrm{rec}_{A \times B}$ using only the projection, and verify that the definitional equalities are valid. Do the same for Σ-types

Proof. □

Problem 3

Proof. □

Section 2.2

Problem 6

Blah

Problem 7

Blah

Problem 10

Blah