

# Formalising languages following QTT

— :  $\emptyset$  , 1 • A , 0 • A  $\multimap$  A  $\vdash$  A

— = ` S Z

— :  $\emptyset$  , 1 • A , 1 • A  $\multimap$  A  $\vdash$  A

— = (` Z) • (` S Z)

— :  $\emptyset$  ,  $\omega$  • A , 1 • A  $\multimap$  A  $\multimap$  A  $\vdash$  A

— = (` Z) • (` S Z) • (` S Z)