# Lec 2/9

Friday, February 9, 2018 12:43

Homework 3 solutions.

Show $K \leq_m TOT$:

given $e$, construct $M = M_{f(e)}$.

$M(x)$

↓

$M_e(e)\downarrow$

accept ↙ ↘ else

accept $x$ reject $x$

$e \in K \Leftrightarrow f(e) \in TOT$.