Math 160B - Winter 2022 - Class Work - In Lecture, January 27 (No upload today.)

Name:

PID:

1. Prove that $Accept_1$ defined by

$$Accept_1(M, w) \Leftrightarrow M-accepts M/w) \land Cept_1$$

is undecidable.

2. Give a many-one reduction from Halt_0 to $\mathrm{Halt}_1.$

$$w \mapsto \langle w, \epsilon \rangle$$
.
 $w \in H_{4} | t_{v} (= \langle w, \epsilon \rangle \epsilon H_{a} | t_{r})$
Both men $M(r_{m})$ halt
 $w here W = r_{M} r$.