

**In-class Practice 20: Closure**

For a language  $A$ , define  $\text{Flip}(A)$  as the set  $\{ ww^R : w \in A \}$ . That is, take every string  $w$  in  $A$  and append its reverse to it.

Show that if  $A$  is recursive then so is  $\text{Flip}(A)$