> *#HW 14 - Alan Ho*

> *#OK to post*

> *#4)*

> **read**("M14.txt")

> *Help14( )*

$$RevOp(n,k), RevOpTr(n,k) \tag{1}$$

> *RevOp*(346, 3)

$$297 \tag{2}$$

> *RevOpTr*(346, 3)

$$[346, 297, 693, 594, 495, 495] \tag{3}$$

> *RevOpTr*(495, 3)

$$[495, 495] \tag{4}$$

> *#For T3(n), the periodic orbit is the fixed point 495*

> *RevOp*(7643, 4)

$$4176 \tag{5}$$

> *RevOpTr*(7642, 4)

$$[7642, 5175, 5994, 5355, 1998, 8082, 8532, 6174, 6174] \tag{6}$$

> *RevOpTr*(6174, 4)

$$[6174, 6174] \tag{7}$$

> *#For T4(n), the periodic orbit is the fixed point 6174*