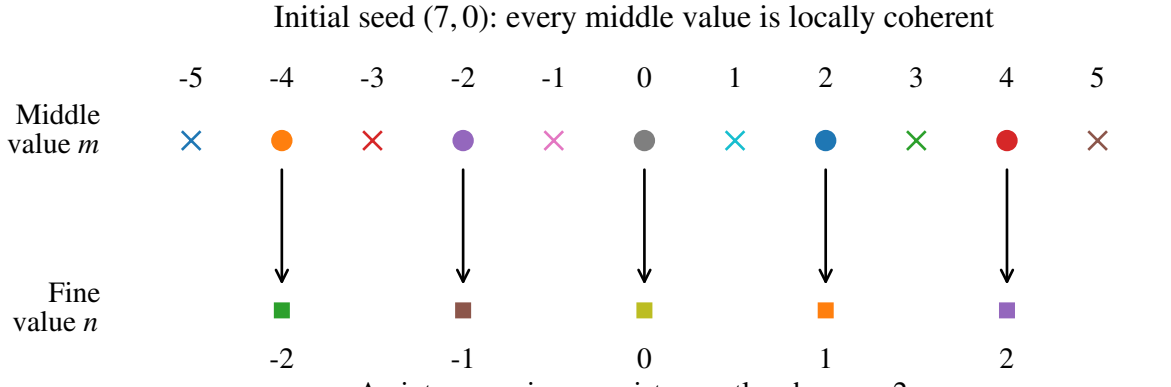

Initial seed (7, 0): every middle value is locally coherent
-5
-4
-3
-2
-1
0
1
2
3
4
5
Middle value m
Fine value n
-2
-1
0
1
2
An integer preimage exists exactly when m = 2n.