

Exercises for Wednesday, first hour

Mathias Winther Madsen,
mathias.winther@gmail.com

January 14, 2014

Random walk with gravity

1. Use a 3×3 matrix.
2. This requires you to do some algebra. I'm sorry.
3. The figure on the left shows $k = 40$.

Tiny chess Try drawing the possible moves of the knight in a different geometric shape.

There are two different kinds of bishop.

Morse code (Cover and Thomas, Ex. 4.8)

1. Write down the state transition matrix.
2. Use high school calculus.

