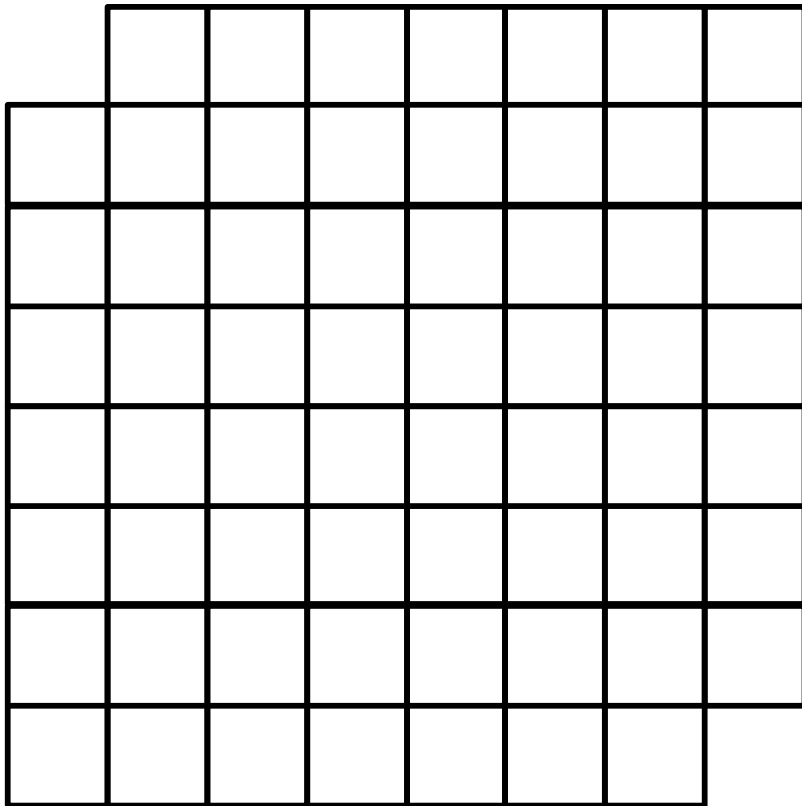


CS4102 Algorithms

Fall 2018

Can you fill a 8×8 board with the corners missing using dominoes?

Can you tile this?



With these?



Power Tower

Solve for x :

$$x^{x^{x^{x^{x^{\dots}}}}} = 2$$

Phone Drop

You have 2 identical phones and a 100-step ladder. Find the highest step of the ladder from which the phones can fall without breaking using the minimum number of trials.

