

Math 220, Spring 2012, homework 3, due Wednesday February 15

Page 44, nos. 3,4; page 45, nos. 8,10,12.

Problem 3 may require the use of a computer and you do not have to turn it in next week- you have until the last day of classes (but of course my advice is to do it as soon as possible). This will be the policy with later computer-based problems as well.

In problem 4, the last sentence (“what equation does the limit satisfy”) is ambiguous and please disregard it. The interesting difference is between what happens for $\alpha < (1/2)$, $\alpha = (1/2)$, and $\alpha > (1/2)$.