Math 242 Reading Guide

The Mean-Median Map

NAME

Read "The Mean-Median Map" by Chamberland and Martelli, at the following address:

http://www.math.grin.edu/~chamberl/papers/mean_median.pdf

Then answer the following questions:

1. What is the main result (i.e., the main theorem) about the sequence of medians for the $n = 3$ case?

2. State several things that are conjectured about the sequence of medians for the $n \geq 3$ case.

3. For the $n = 3$ case, why is it sufficient to only consider starting sets of the form $S = \{0, x, 1\}$?

4. From your investigation in class and from reading this paper, what questions do *you* have? What conjectures do you have?