

MTH 337

Day 14 Thursday, Feb 28, 2008

Newton's method in the complex plane, cont'd

HW 6 problem on cube roots of 1

Complex structure generated by a simple rule - again

Creating images directly

Encoding colors (RGB)

Making an image (TIFF) in Maple

Pixel indexing vs. Cartesian coordinates

Converting to GIF, etc.

Why not to use JPG

Age-structured population models: HW 5 conclusion

age classes

birth and death rates

dynamics: stepping forward in time

Once you have decided on some sensible/simple birth and death rates, investigate the transient and long term dynamics of your model.

If you have time, begin to explore the issue of SS viability.