

In the name of God

Department of Physics
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COMPUTATIONAL PHYSICS

Exercise Set 9

(Date Due: 1397/02/29)

1. Write a computational program to make Mandelbrot set.
2. Write a computational program to make Julia set for $f(z) = z^2 + c$ with $c = -0.8 + 0.156i$, $c = 0.45 + 0.1428i$ and $0.285 + 0.01i$.
3. Write a program to make Fractal tree.

Good luck, Movahed
