In the name of God

## Department of Physics Shahid Beheshti University

## COMPUTATIONAL PHYSICS

## Exercise Set 6

## (Date Due: 1393/08/20)

- 1. Using the map as:  $f(z) = z^2 + c$  make some deterministic fractal shapes.
- 2. Using the proper algorithm write down programs to make Fractal-tree and Barnsley's Fern shape.

Good luck, Movahed