❖ Example_Densities.m → get graph of densities

➢ CompleteParameters.m → Adds missing default parameters

➢ CreateRootSystem.m → Create multiple taproots
- letter.m → Creates a l-System letter
- updatePos.m → Update poisitions of relevant letters

➢ applyRules.m → Applies the production rules of an L-System strings
- applyRule → Applies the production rule of a single L-System letter
    ♦ getPosition → Copies parameters into a struct for better readability
    ♦ growthFunction.m → determines root length at a given time
    ♦ letter.m → Create a l-System letter
    ♦ tropism.m → Get tropism
        - tropism2 → Constrain the tropism
            ♦ tropismObjective.m → Returne tropism objective function for common tropisms
        - testAlphaBeta → returns coordinates moving in new directions
        - letter.m → Create a L-System letter
    ♦ updatePos2 → Fast position update for single segment
- getPosition → Copies parameters into a struct for better readability
- updatePos2 → Fast position update for single segment

➢ getBounds.m → Returns the spatial bounds of a L-System string
- getSegments.m → gets segments, radii, and other attributes of a root system
    ♦ getTotal.m → Returns the total surface, volume or length of a root system

➢ getDensities → Creates an averaged map over an REV from an L-System string
- getSegments.m → gets segments, radii, and other attributes of a root system
    ♦ getTotal.m → Returns the total surface, volume or length of a root system