**Naudé Conradie**

**19673418**

**Meeting Minutes 10:00 2020/08/03**

**CPPNs**

* Implemented in Numpy
* Scale
  + 1:1
  + Investigate more
* Activation functions
  + Consider stability
  + Consider recommended practice
* Number of layers
  + Start with minimum number of layers
  + Look at deeper learning later
* Manage cases with seed
* Round floats up or down to 1 or 0
  + Shift rounding border

**L-Systems**

* Random generation
  + Select axiom from list of axioms
  + Generate 1 or 2 rules
    - One rule for F
    - Possibly a rule for f
    - Rules constructed from list of subunits
* Useful results obtained for case 1 and 2

**Code**

* Scalability
  + Inspect behaviour under pressure and not constraints
* Optimisation
  + Implement later
  + Penalise overly long words and rules

**Lab Work**

* Postpone material model verification
* Construct testing procedure for model behaviour verification

**Admin**

* Mr. Roux
  + Meeting online
    - Discuss L-systems and code
    - Discuss testing procedure
* Mr. Herbst
  + Equipment available in the lab
* Demi
  + Occupied Wednesdays from 09:00 to 11:00
  + One other hour (TBD)
* Examination procedures
  + Online oral examination
  + Change submission date 1 week before deadline