Documentation setup Domain Integral Equation

1. Theoretical background
2. Setup main script domain\_integral\_equation
   1. Inputs + Outputs
   2. Incident field
   3. Greens function
   4. Matrix multiplication
   5. Far field
   6. Assumptions
      1. Background medium 1 -> speed of light
3. Dynamic grid
   1. …
4. Encoded helpers for testing
   1. Test object
   2. Visualization
   3. Various test scripts -> similar scripts could be used in practice
5. Encoded helpers for validation
   1. TEcil (given)
   2. Error calculation
   3. Validation
   4. Test script error validation
6. Result validation
   1. Error progression
   2. Computation time
7. Conclusions + recommendations