1. Description of a linear or non-linear system problem
   It is preferred that the problem is related to or toward a research problem or project.

2. Description of numerical solution approach(s)
   At least one iterative method shall be included or embedded. If not as the method of choice, it is used in a fair comparison. The description of the iterative method shall consist of
   - a strategy for the initial values
   - the iteration step(s)
   - termination criteria
   - arithmetic complexity per step

3. Post-analysis
   - iteration (convergence) behavior
     analytical or empirical or physical or all above
   - time and memory
   - observation of artificial artifact
   - pros and cons

4. Programming environment and style (optional)