Escola Politècnica Superior   **Universitat de Lleida**
Grau en Enginyeria Informàtica

Computational tools for problem solving
Lab list 9

Google's PageRank Algorithm.
As we already kow, Google's PageRank Algorithm takes a certain (strongly connected, cycle free) directed graph and computes the eigenvector of eigenvalue 1 using the power method. You can find the details here

David Austin AMS

and here

Joan Gimbert SCM

For today's lab list we follow

Haley Skinner PageRank CoClac Project

available in CoCalc Public Files. In there you will find examples in a **Sage** code illustrating all steps in PageRank.

Problem 1.

  i) Follow Haley's code and check all steps in the examples there.

 ii) Choose your own digraph and find Google's PageRank for it.