Worksheet 3

Colley Method

Due: February 18th by 11:59PM

For this module, you are to generate a Colley ranking for your assigned conference from your own calculations by hand (and Mathematica for the systems of equations).

**Assignment:**

* Watch Lectures 9-12 from Tim Chartier on Udemy
* Update both your conference tracking spreadsheet
* Submit a derived Colley Matrix of the form: **C\*r = b (as you learned in class this week)** as it applies to your assigned conference.
* You can show all of this in a *Mathematica* file that clearly labels C, r, b, the solutions to the system of equations, and the output ranking.
* Submit *Mathematica* file solving the system of equations, and the output ranking via email to [agormley@nd.edu](mailto:agormley@nd.edu) . Be sure to also identify and label your C, r, and b matrices.
* Both files should reflect current conference standings and games through at least Monday, February 15th.
* In Word, write out an ordered ranking of your conference teams by Colley Rank and submit a paragraph discussing your rankings. Are they what you expected them to be? Are they different from the standings? Why do (/don’t) you think that is?