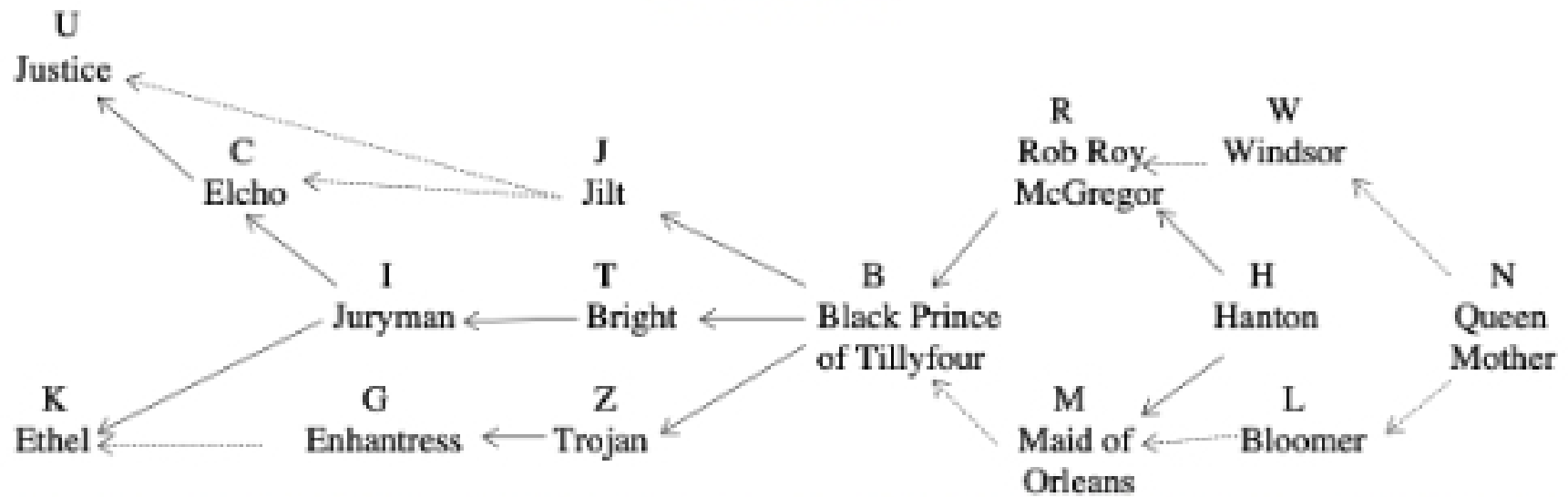
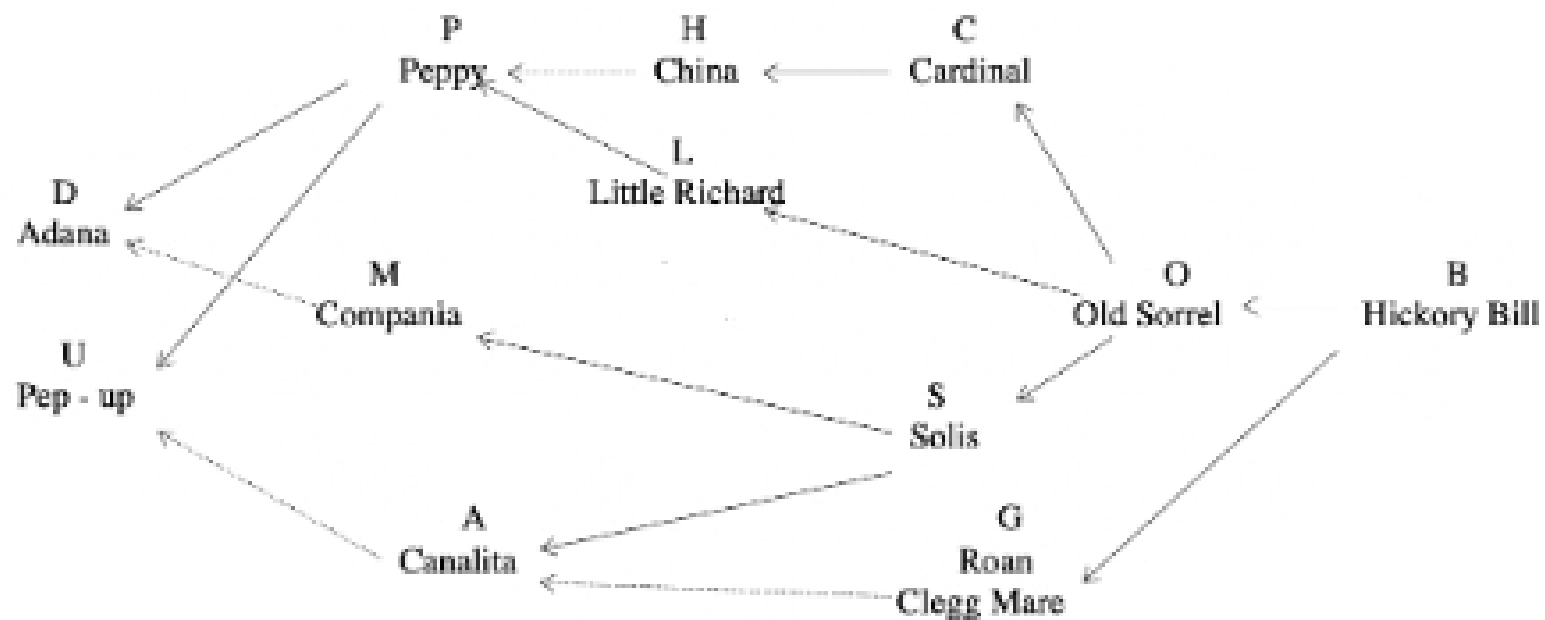


Homework 2  
ANSC 305  
Summer 2022



1. Calculate the inbreeding coefficient of the Angus bull Black Prince of Tillyfour. This will be important for the following questions!
2. Calculate the relationship coefficient between Justice and Ethel.
3. Calculate the relationship coefficient between Justice and his sire.
  - a. Also calculate the standard error for this relationship coefficient



4. Calculate the inbreeding coefficient of the Quarter Horse Peppy.
5. Calculate the relationship coefficient between Adana and Pep-up
  - a. Also calculate the standard error for this relationship coefficient.
6. Calculate the relationship coefficient between Pep-Up and Peppy.