

Question

- □ Consider a heterogeneous network of publications that contains nodes of type *author*, *paper*, and *venue*, where *papers* connect to *authors* via the *written-by* relation, *papers* connect to *venues* via the *published-in* relation, and *papers* connect to each other via the *cited-by* relation. What are some feasible ways to transform this network into a homogeneous network?
 - We can create a citation network by only keeping *papers* and the *cited-by* links (induced subgraph on nodes of the type *paper*).
 - We can create a co-athorship network by keeping *authors* and creating links between *authors* that are connected to the same *paper*.
- □ Answer: Both. Here we give two examples of projecting a heterogeneous network into a homogeneous network by leaving out certain information about the complete dataset for the sake of homogeneity.