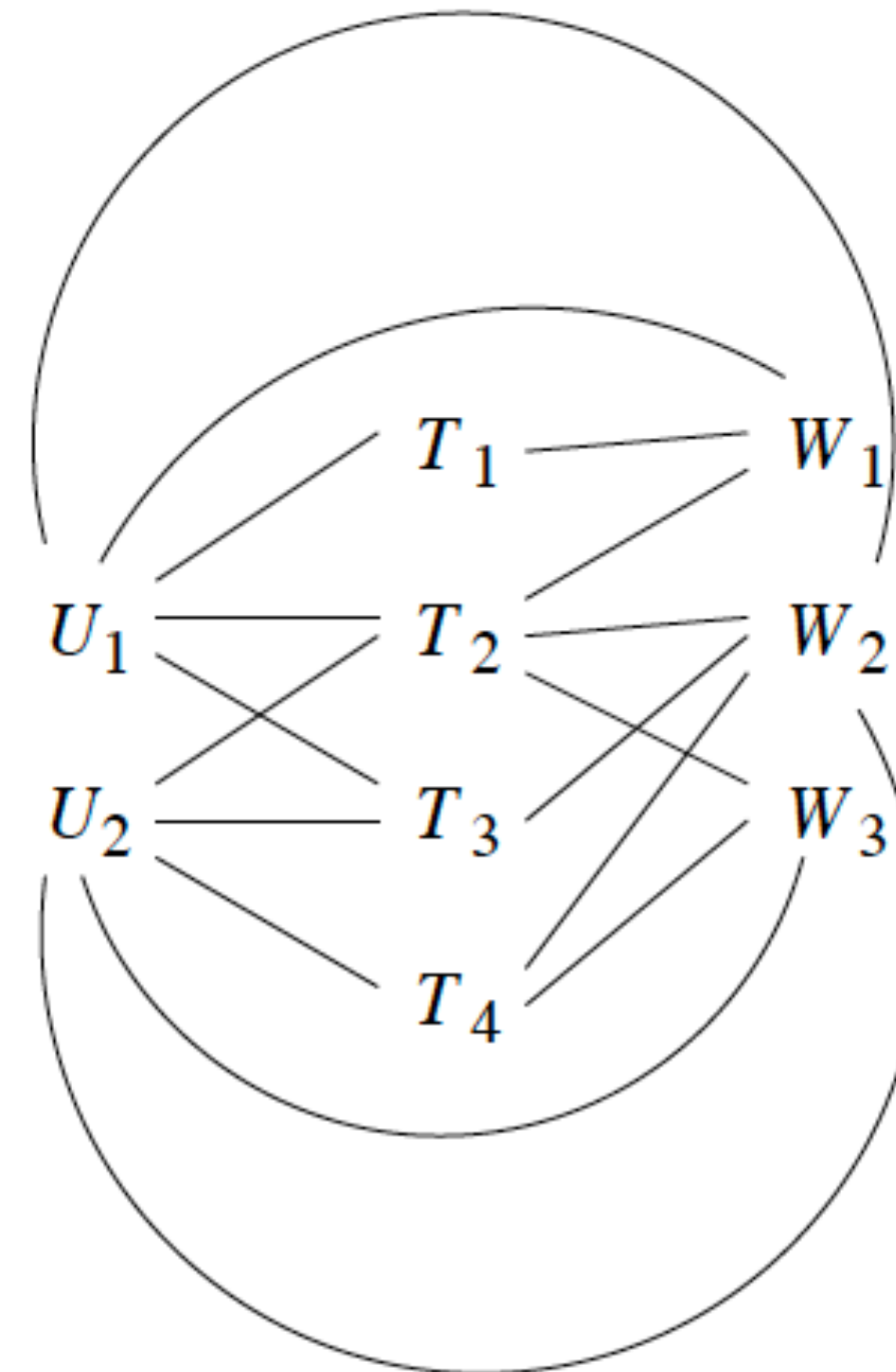


# SOCIAL NETWORKS AS GRAPHS

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## k-partite graph

- **multiple (k) entities**
  - Example:
    - users {U<sub>1</sub>, U<sub>2</sub>},
    - tags {T<sub>1</sub>, T<sub>2</sub>, T<sub>3</sub>, T<sub>4</sub>},
    - Web pages {W<sub>1</sub>, W<sub>2</sub>, W<sub>3</sub>}.



# NETWORK DISTANCE MEASURES

A Song of Ice and Fire character network  
Nodes are colored by group

