

CS-234

Technologies for
Democratic society

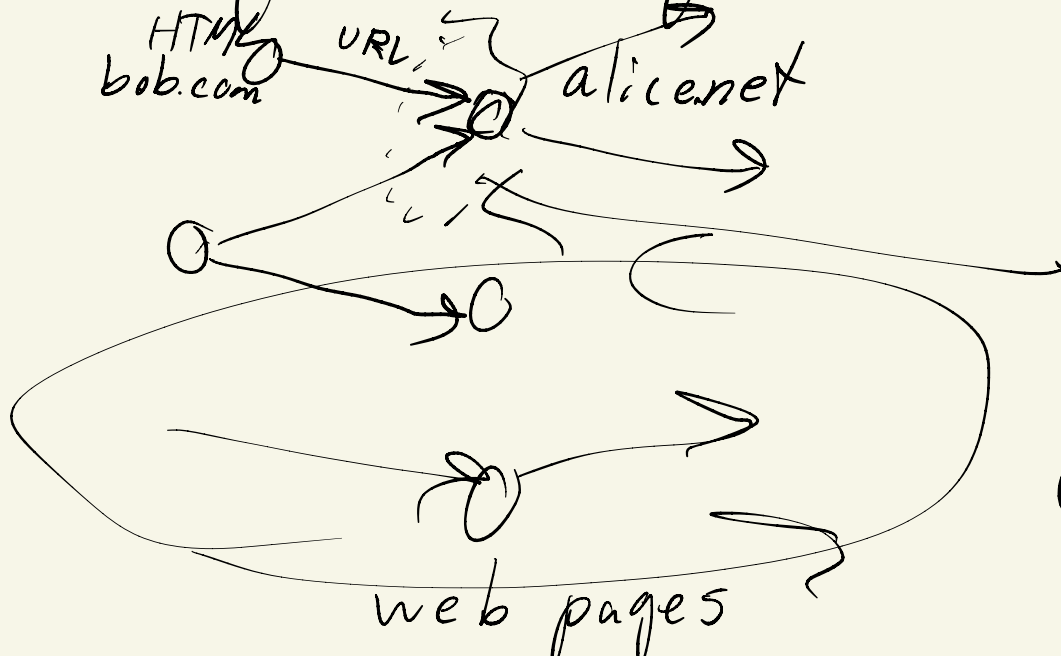
Fall 2024

Week 3

Search engines

- Yahoo, AltaVista, ...
- Google - Page Rank

(Linear programming LP)



$$\text{influence}(\text{node}) = \sum (\text{incoming edges}) + \text{source} \quad (\text{unif. form})$$

(influence of other pages) ("democratic")

Influence on Twitter (social media)

Piketty - distribution of wealth, inequality



inequality
property, investment income (money \rightarrow money)
vs salary income (time \rightarrow money)

"rich get richer"