

CS-234 WEEK 3

INFLUENCE

- What is? the ability to change / modify other people's behavior.
- How does influence happen?
 - We receive tons of information.
 - Newspapers
 - Friends
 - Social media
 - Families / upbringing
 - logos / brands
 - neighborhood / region (country (CULTURE))
 - industry / lobbyists
 - advertisement
 - education

Influence Metrics

- Measuring influence in Twitter (X)
- Indegree: Popularity of the user
- Retweets: The value of the content of a tweet
- Mentions: The value of the user's name

INFLUENCE

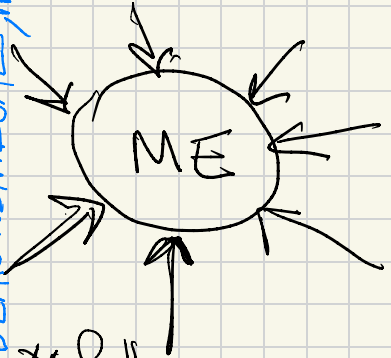
IS

DYNAMIC.

↑
TOPIC TIME

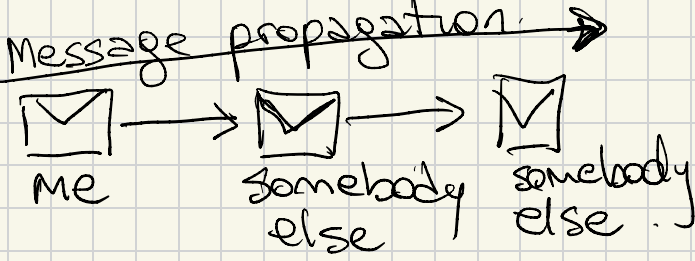
The audience need to be active to impact on influence

POPULAR INDIVIDUALS, NEWS



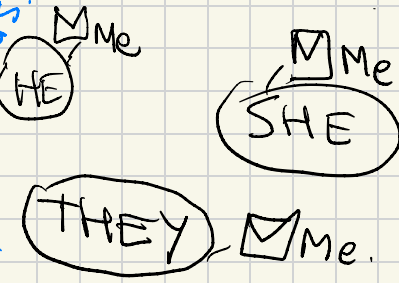
Followers:
size of the audience

CONTENT NEGOTIATORS



retweets: indicate the ability of the user to generate valuable content.

Celebrities, Brands, leaders

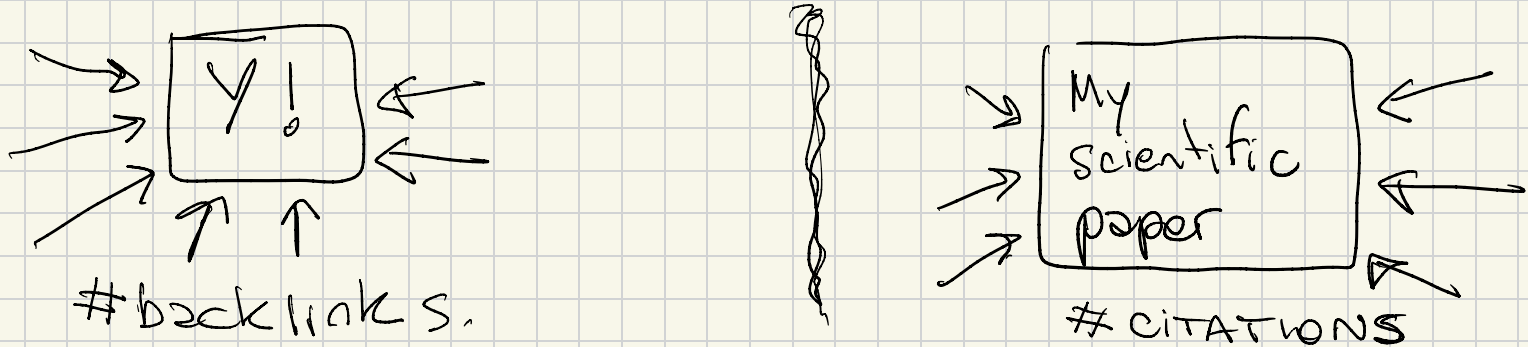


Mentions
The ability of a user to generate conversations.

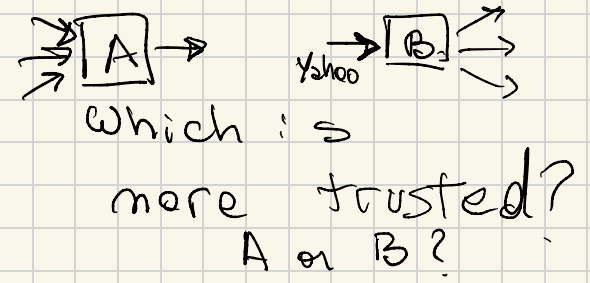
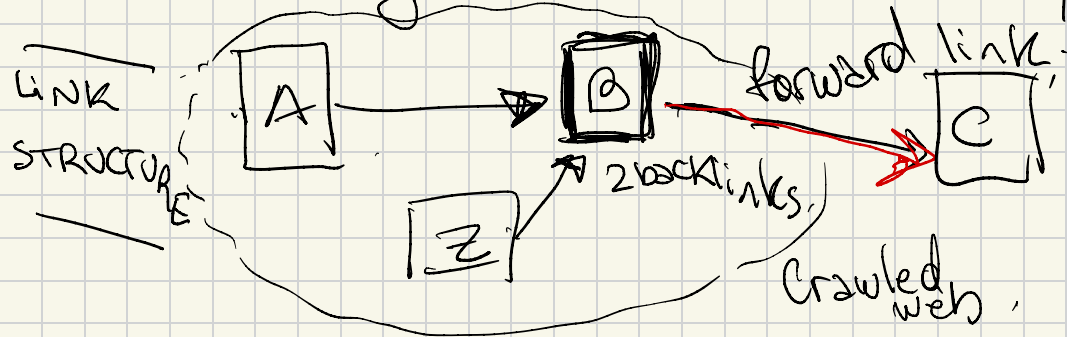
PAGERANK (ranking web page).

Larry Page - Sergey Brin (Stanford) → GOOGLE.

Historical context: Yahoo (web categorization) - AltaVista -



How do you measure the quality of a metric?

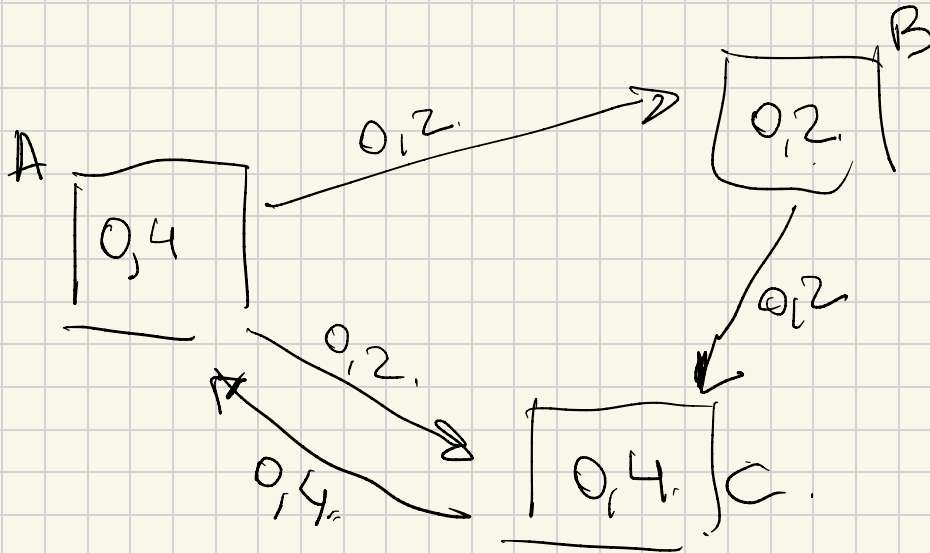


Ranking Formula

- More backlinks.
- More Trusted backlinks.

LINEAR OPTIMIZATION PROBLEM.

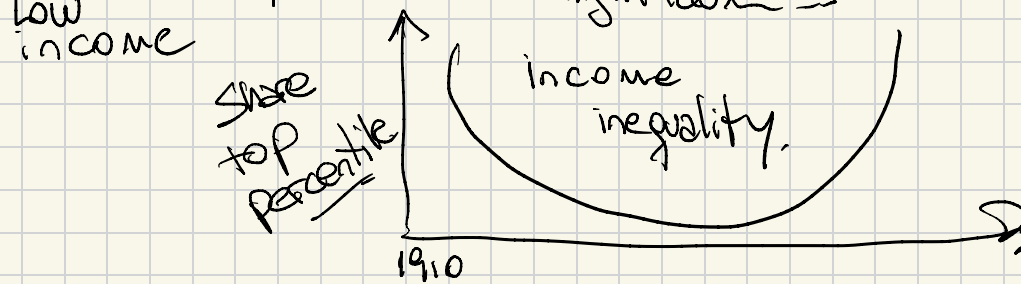
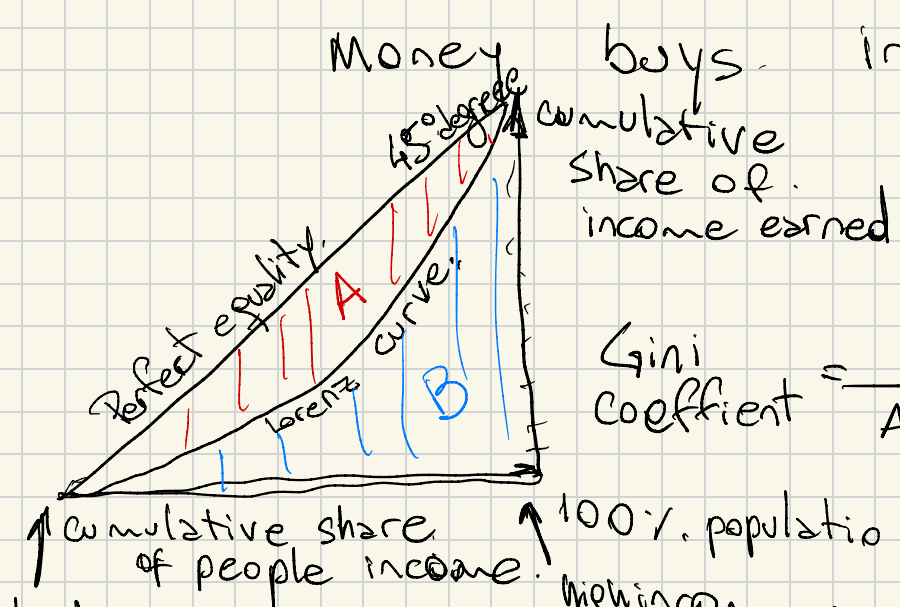
- Multiple iterations



STEADY STATE
(converge)
Final state,

WEALTH INEQUALITY.

- Piketti - French economist -



GROWTH RATE < RATE OF RETURN