

CS-234

Technologies for societal self-organization

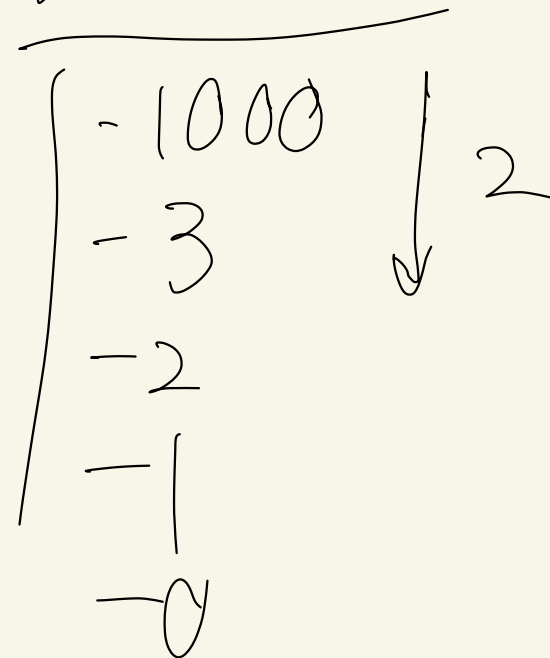
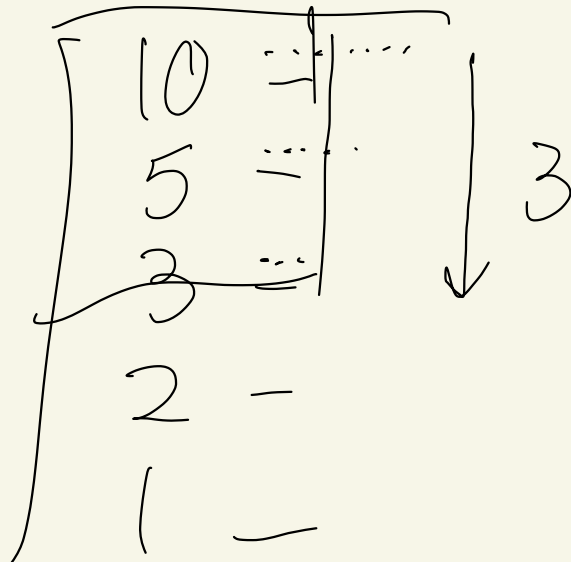
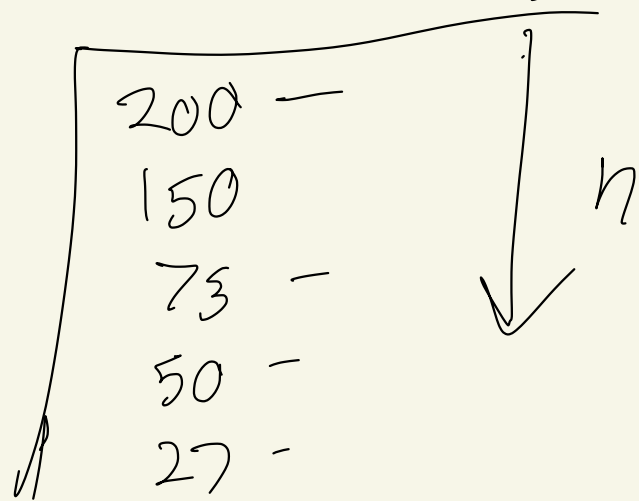
Week 4

Academic citations & peer review

- peer review: start in 1665 (Royal Society)
developed in 18th, 19th centuries
ubiquitous in 20th
- online peer review: e.g. HotCRP
hands-on HW 3
- types of scientific publication venues
 - journal: editor(s), → reviewer(s) 2 many months
 - conferences: (most disciplines) non-peer reviewed (years)
 - workshops: early work (CS: peer reviewed (few months))
 - preprints: non-peer-reviewed (arXiv.org, ...)
- single / double-blind

Citation metrics

- Journal impact factor (JIF) - analogous to PageRank
- # papers
- citations: extremely vulnerable to manipulation
- h-index - created by Jorge E. Hirsch in 2005
= largest n s.t. have $\geq n$ papers each with $\geq n$ citations



- g-index