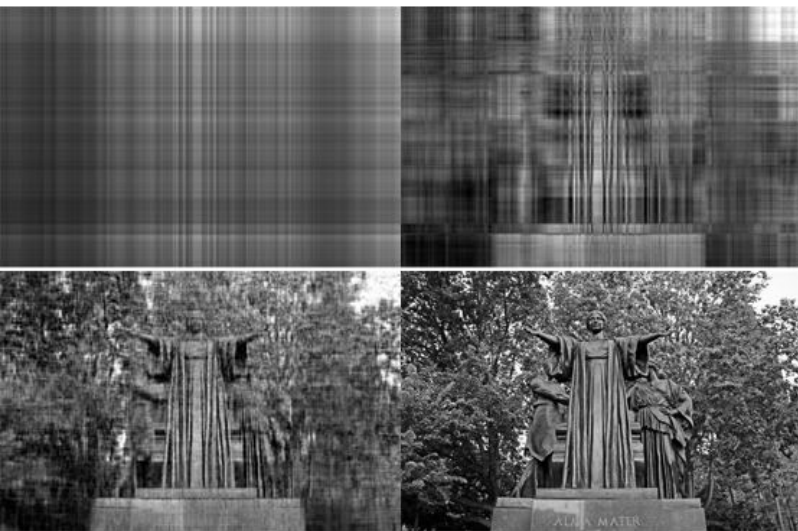


# Electronic Seminar on Mathematics Education

## Redesigning a large linear algebra service course - a travel report



I will report on a still on-going project to develop and improve the largest linear algebra course offered by the Department of Mathematics at Illinois. This course is a (non-proof based) first course in linear algebra taken by more than 1600 non-math majors each year (the majority of these students are sophomores and juniors whose major is in engineering). The two main goals of this redesign are to increase the active learning component and to identify applications and develop activities that showcase the power of linear algebra. Discussing both successes and failures, I hope that the experiences I have to share, prove useful to others who are redesigning/re-imagining large service courses at (large) universities.

**Philipp Hieronymi**  
**UIUC**

**12:00 EST**  
**Feb 19, 2019**

To join the seminar, go to  
<https://zoom.us/j/8803591328>

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