By Ariel Guerrero
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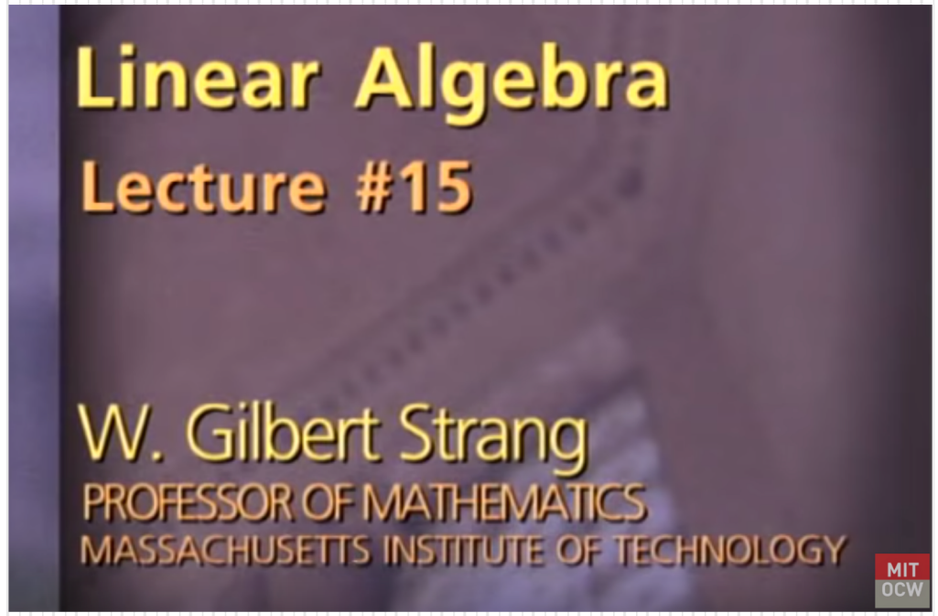
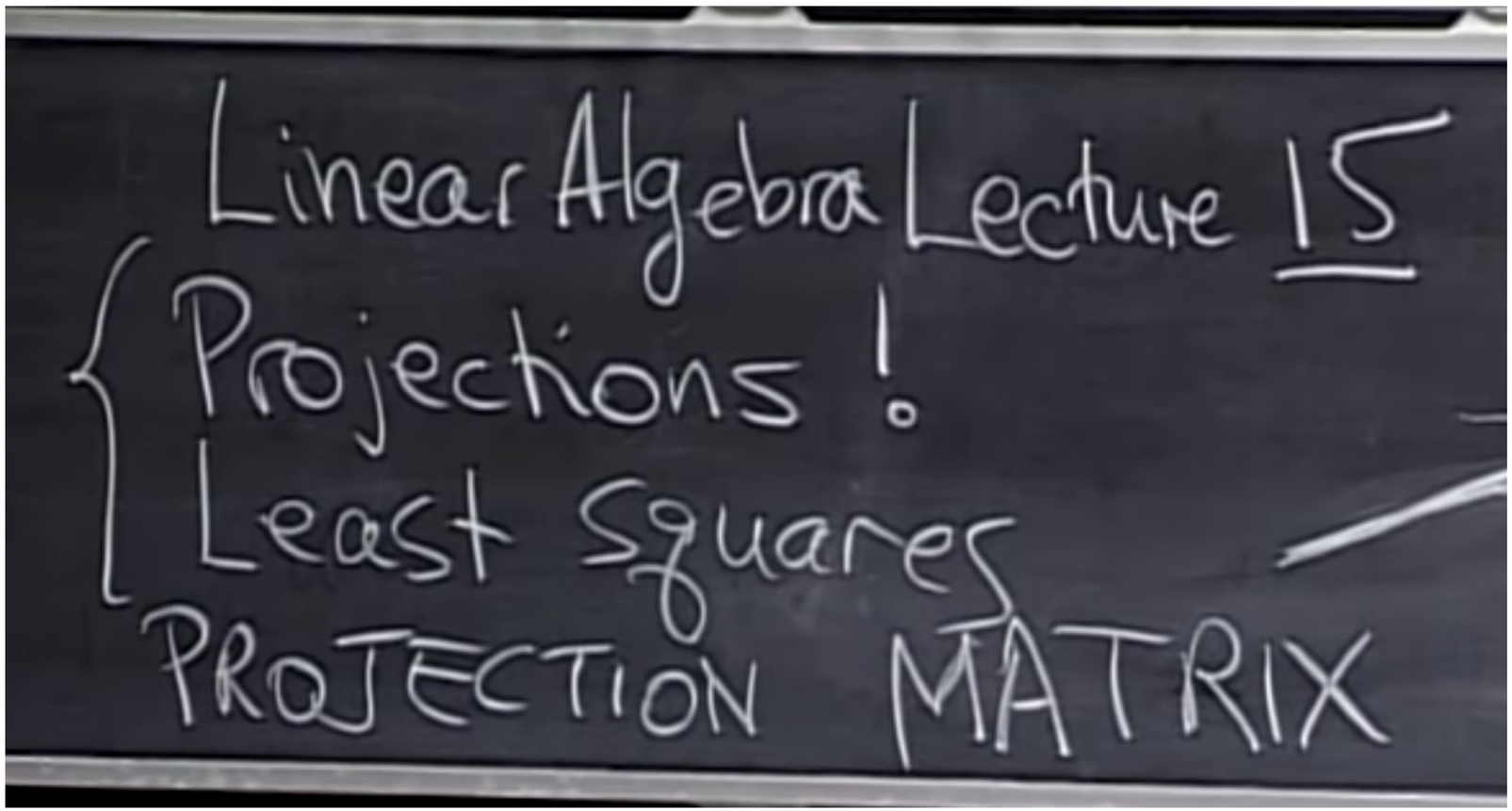
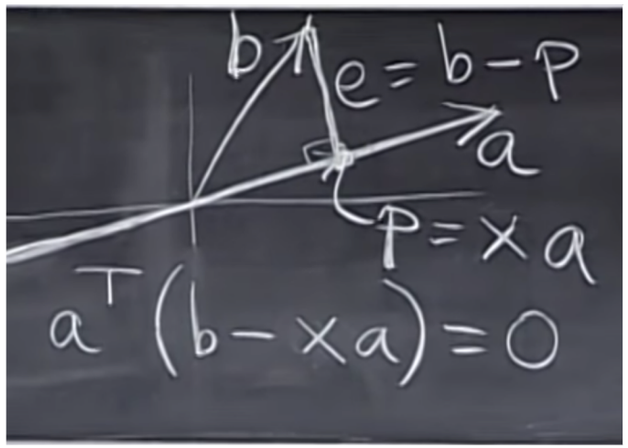
Linear Algebra – Lecture #15
Projections onto subspaces

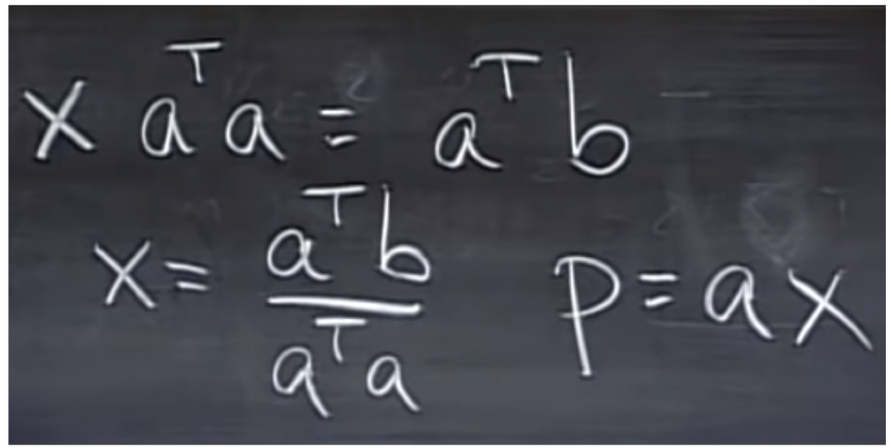


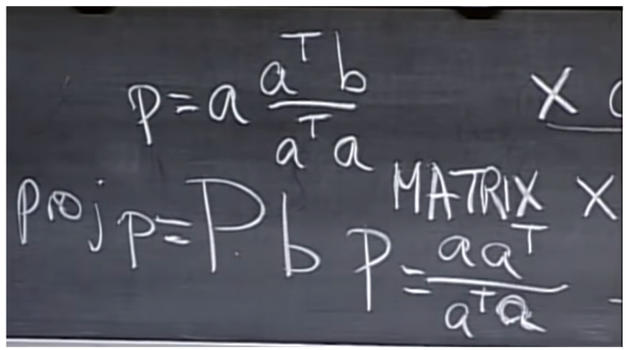
Linear Algebra Lecture 15

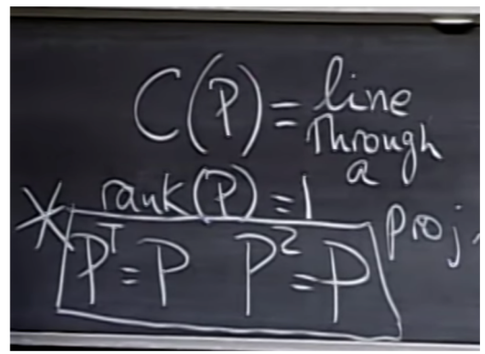


Projections into a line

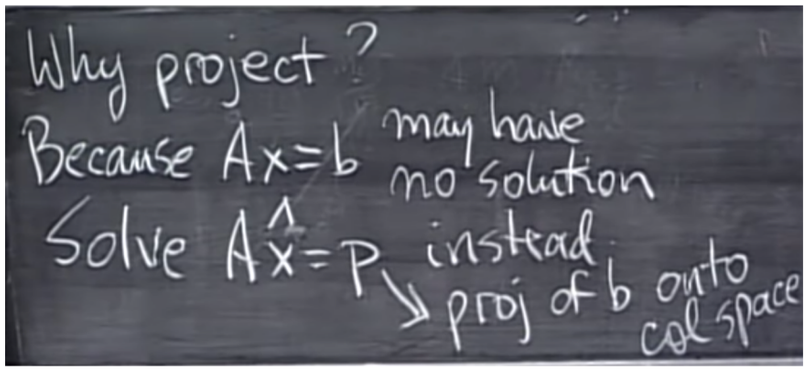


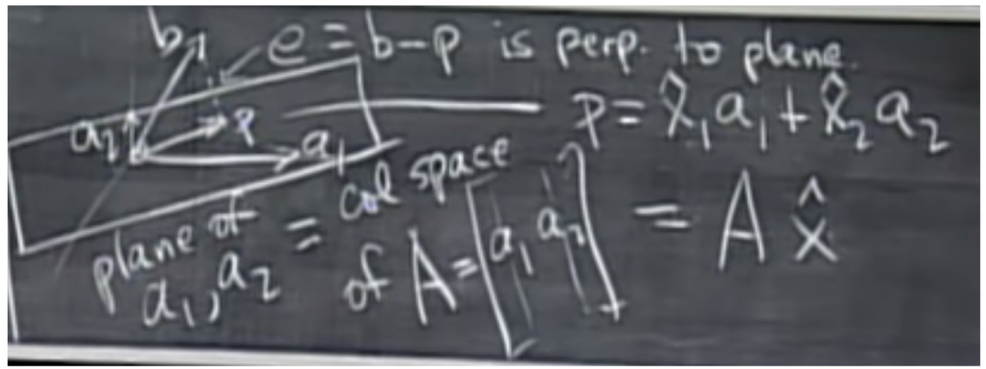


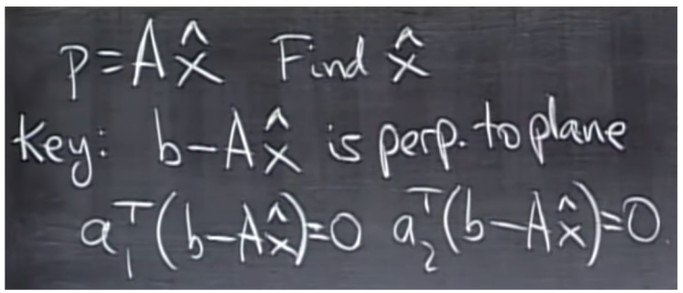


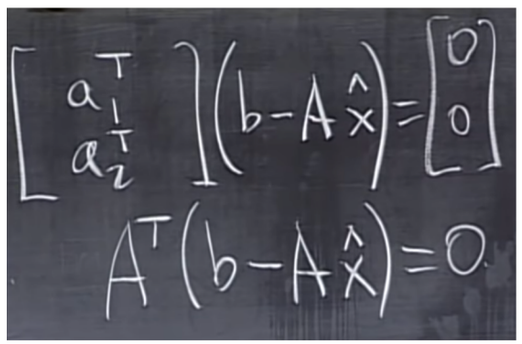


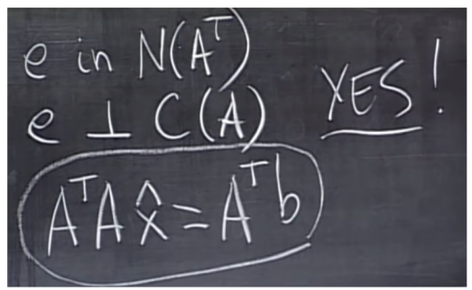
Projections into a subspace



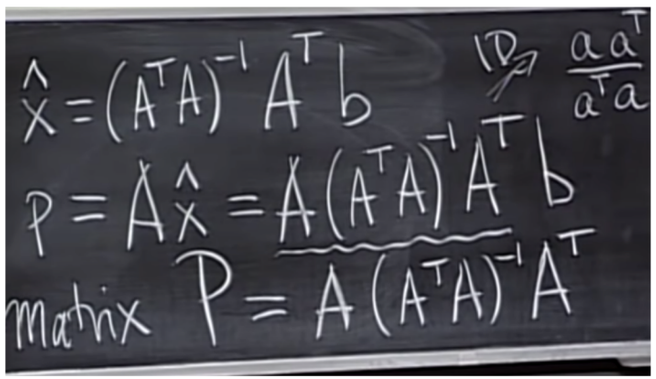


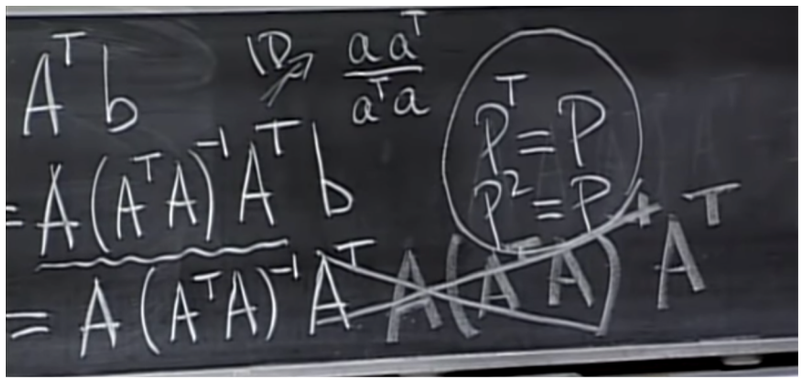




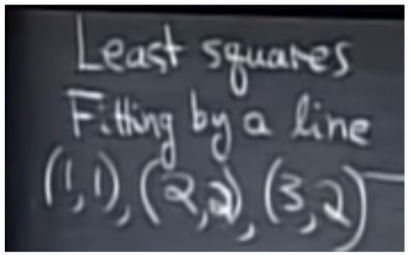


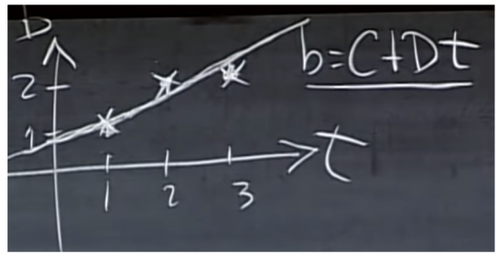
Projections into a subspace

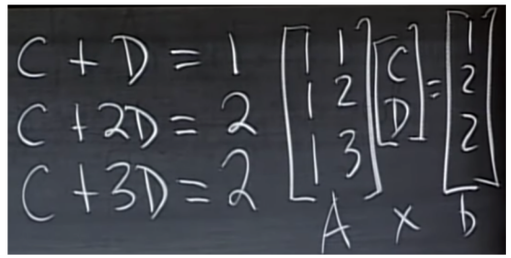




Least square fitting by a line







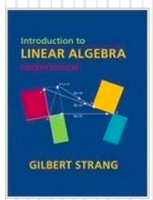
The video ends with the problem statement

https://github.com/aegiloru/linearAlgebra

Credits

https://ocw.mit.edu/courses/mathematics/18-06-linear-algebra-spring-2010/index.htm

Gilbert Strang Web Site http://www-math.mit.edu/~gs/



http://math.mit.edu/~gs/linearalgebra/