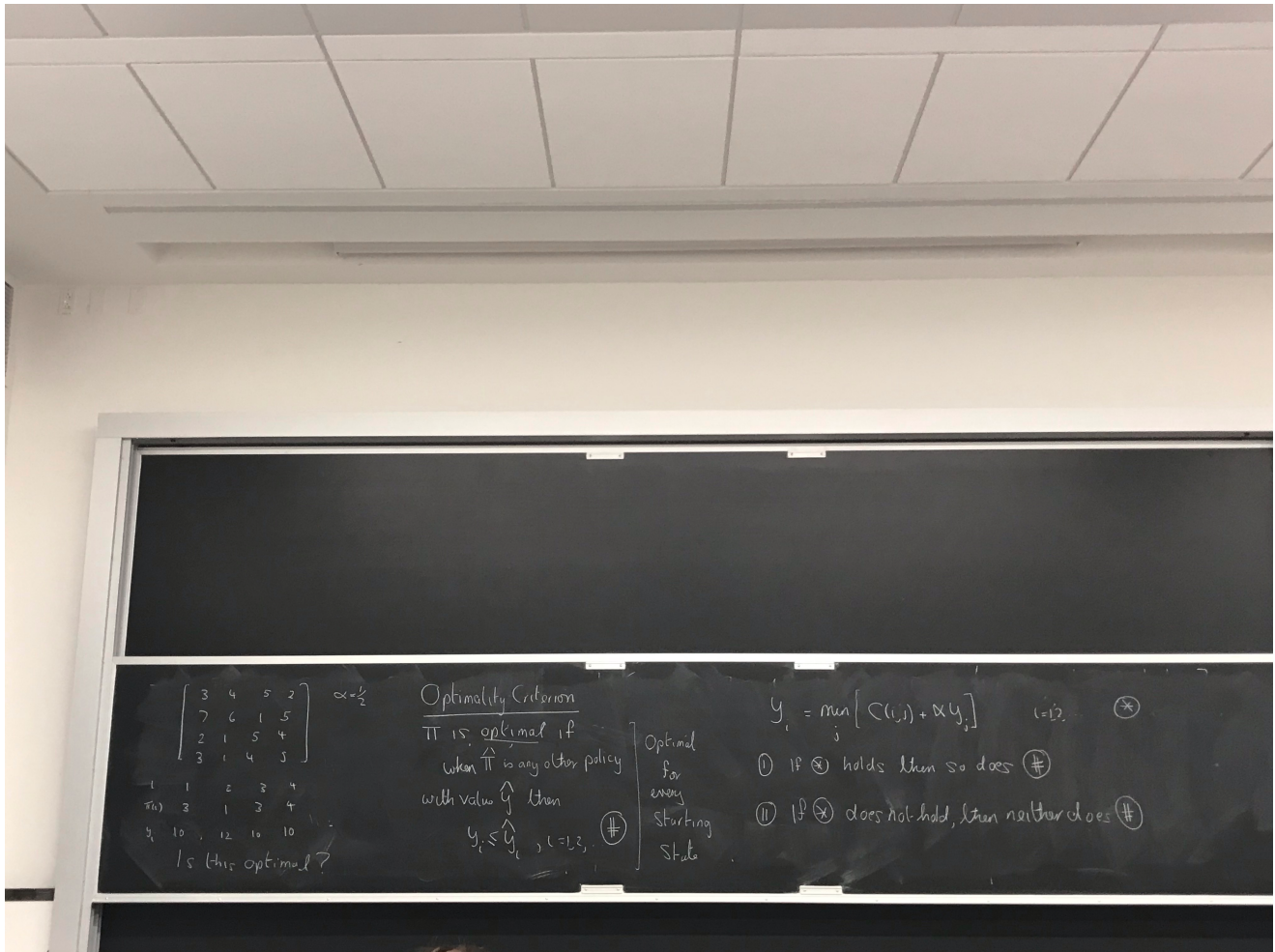


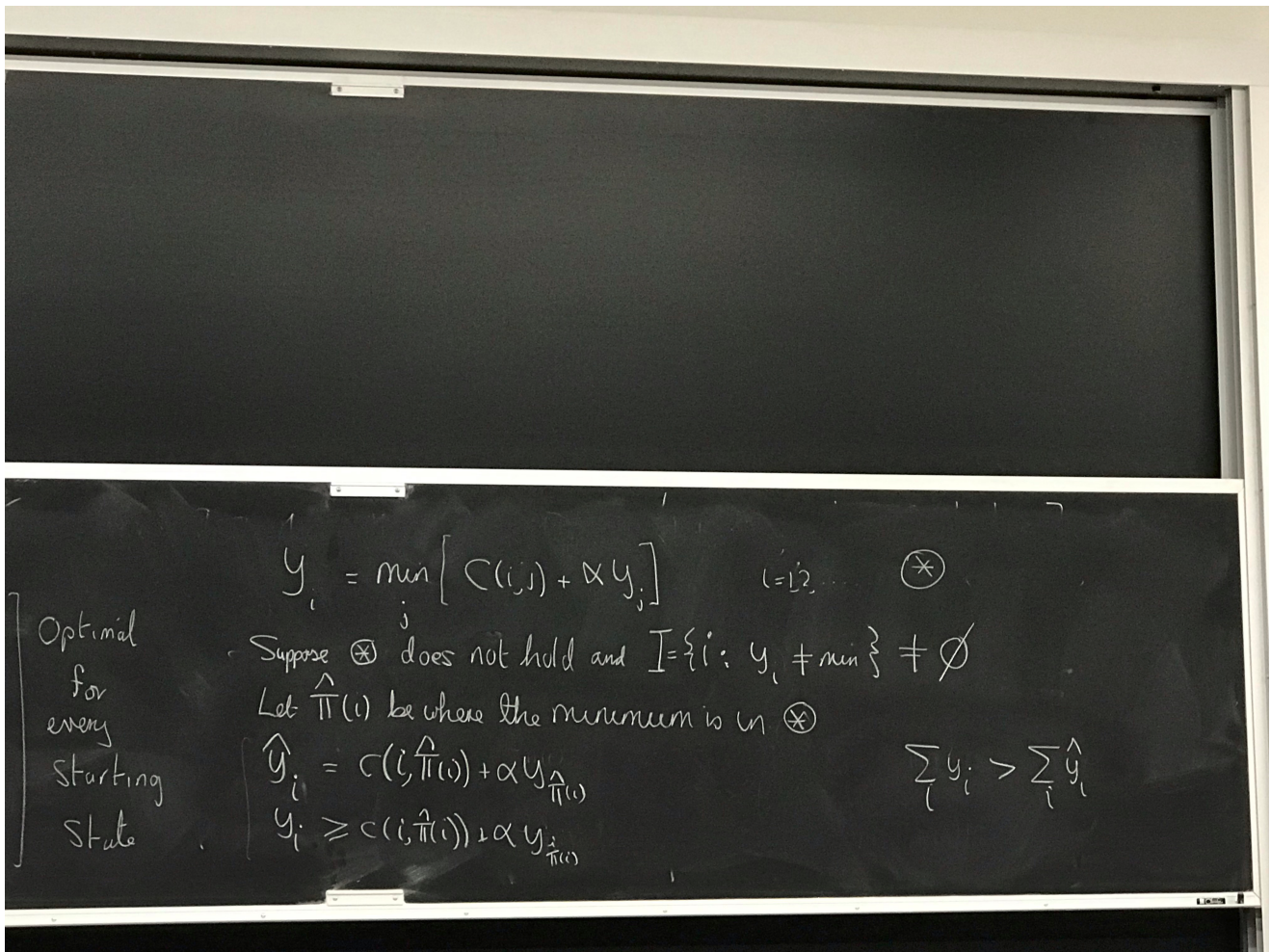
**Subject:** lecture notes

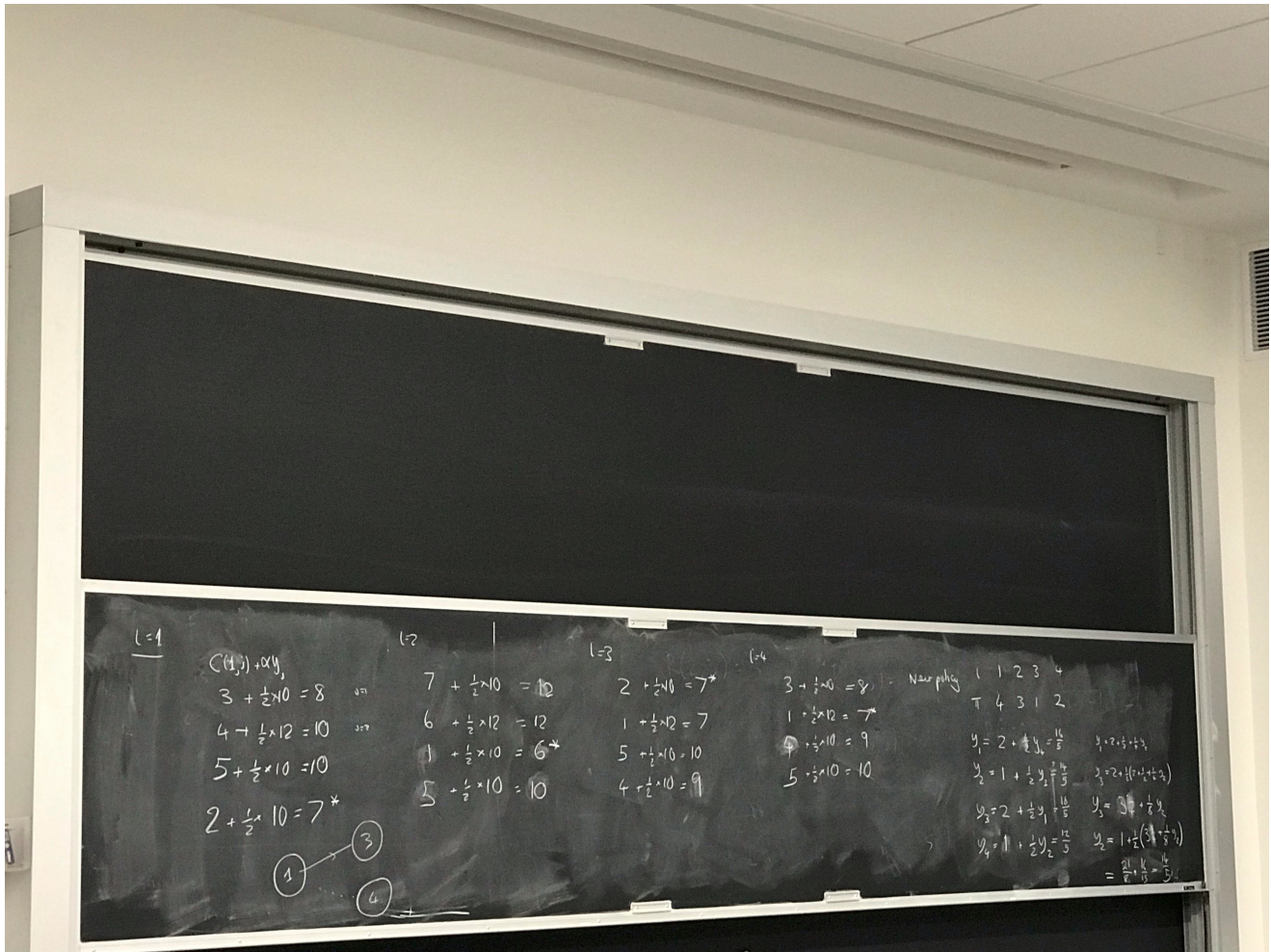
**From:** Chenchen Zhao <czhao2@andrew.cmu.edu>

**Date:** 9/6/19, 2:16 PM

**To:** Alan Frieze <af1p@andrew.cmu.edu>







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 Rosie Chenchen Zhao