

# Notes in ECEN 5448

Zachary Vogel

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## Stuff

midterm on Wednesday  
review today.

## Review on some state space stuff

convert  $n$ th order ode into  $n$  1st order DEs.  
nth order difference equation 1st-order difference equation.  
be able to go from differential state space form to difference state space form.

## exam

one two-sided sheet of notes.  
Z transform table from inside cover. Only simple calculators.  
look at the slides