

ECE 419/619, Electric Machines and Drives, Spring 2013
Quiz #3, April 23rd, 4:30pm-4:45pm

Inverters

- Basic operation, line-to-ground, line-to-neutral, and line-to-line voltages
- 180 degree VSI, harmonic calculations
- Sine-triangle modulation, modulation index, third harmonic injection
- Hysteresis current regulation, maximum commanded current