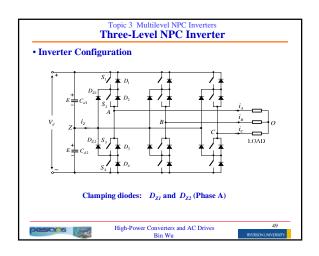
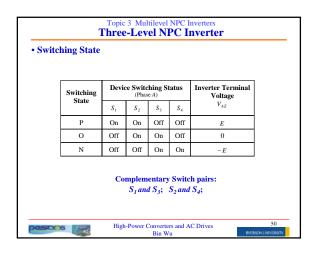
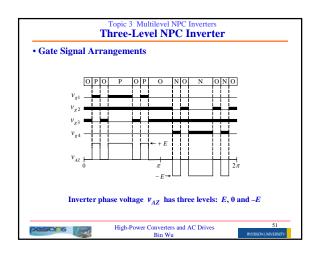


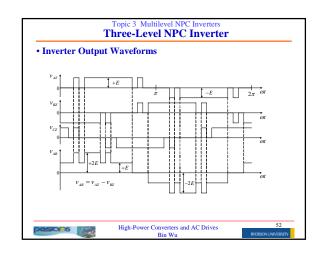
Comparison	Phase-shifted Modulation	Level-shifted Modulation (IPD)
Device Switching Frequency	Same for all devices	Different
Device Conduction Period	Same for all devices	Different
Rotating of switching patterns	No required	Required
THD of inverter output line-to-line voltage	Good	Better
Low Order Harmonics	No	Yes (Very low amplitude)

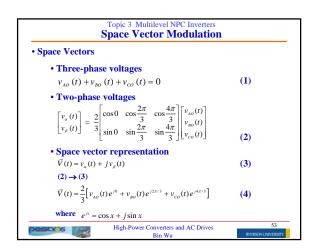


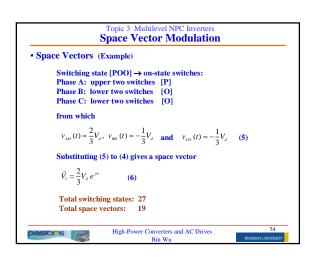


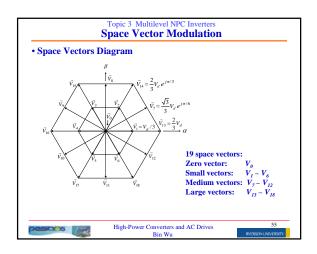


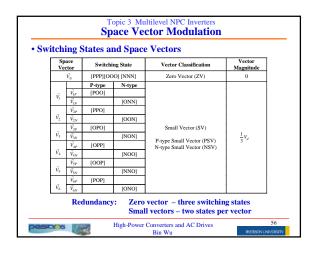


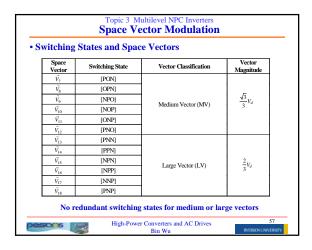


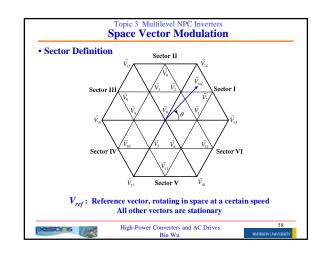


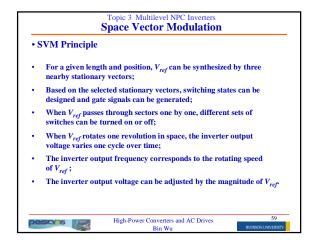


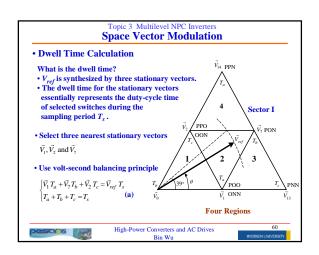


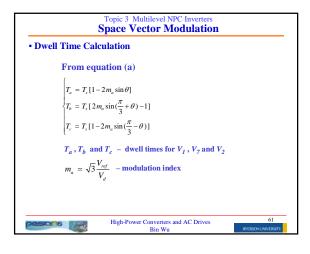


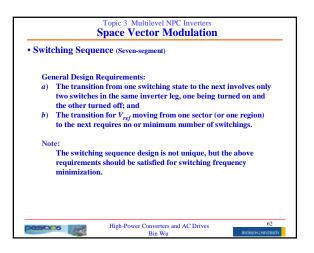


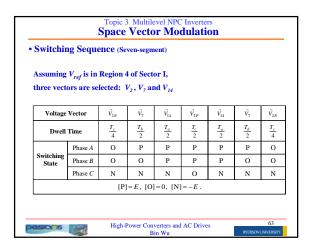


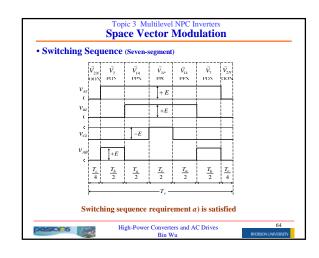


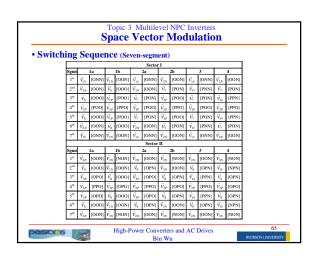


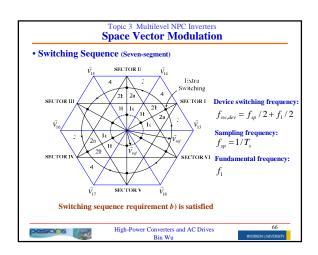


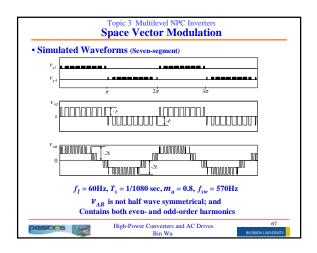


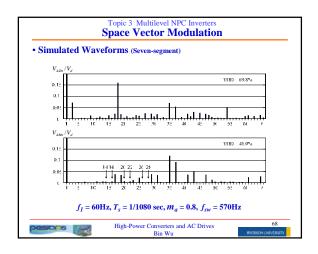


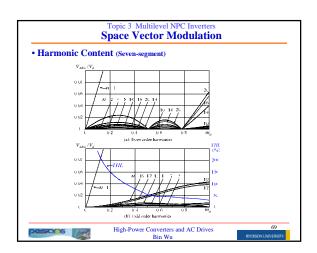


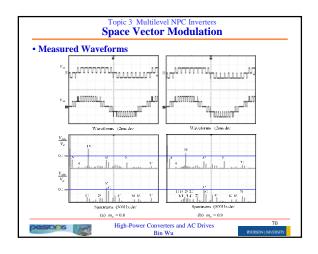


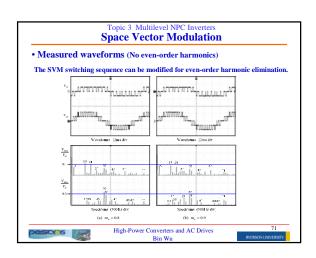


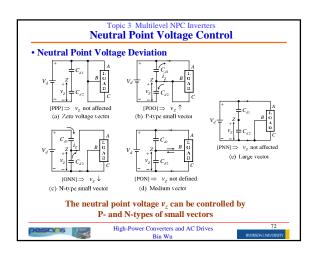


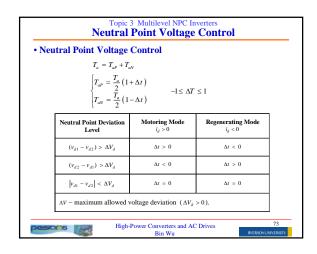


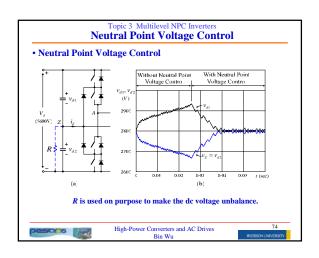


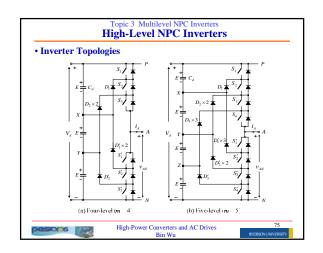


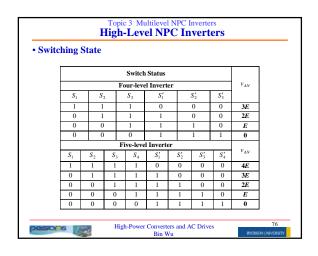


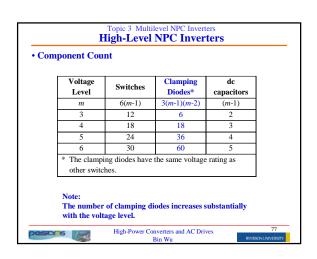


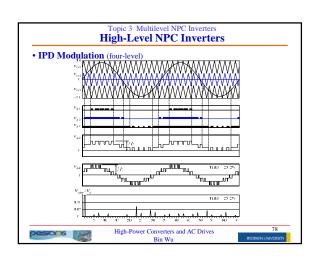


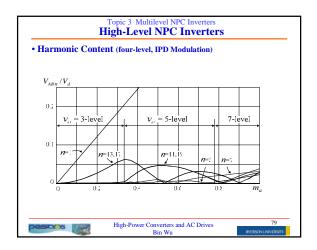


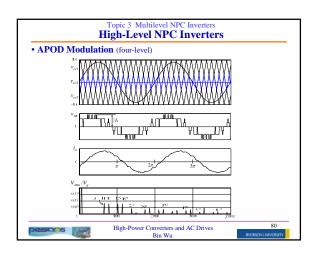


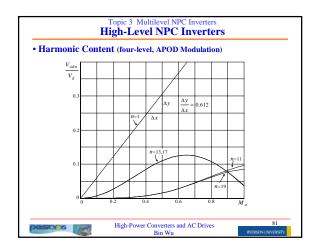


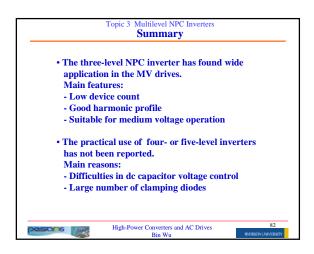




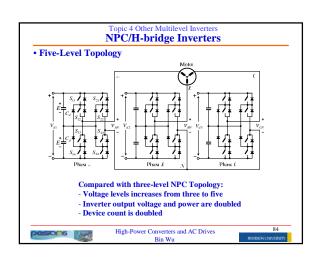


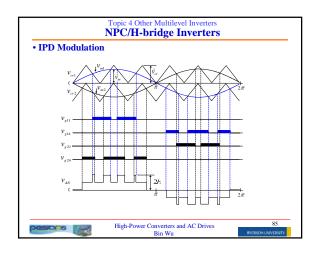


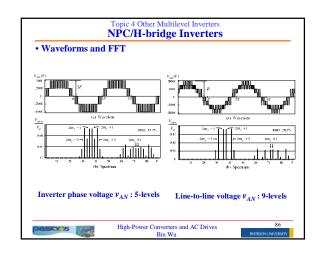


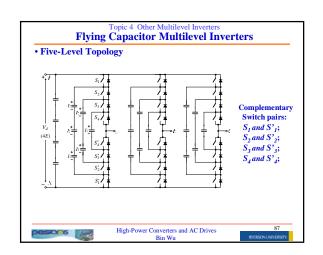


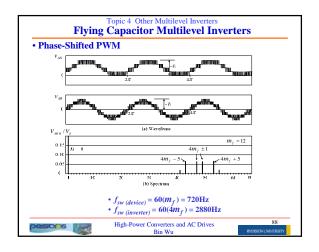


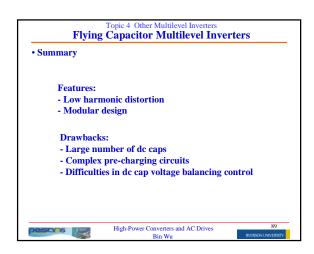












Topic 5 PWM Current Source Inverters (CSI) Main Topics • Single Bridge Inverter • Trapezoidal Modulation (TPWM) • Selective Harmonic Elimination (SHE) • Space Vector Modulation (SVM) • Dual Bridge Inverter

