**Seminar6**

1. For three-phase PWM *voltage-source inverter*(VSI):

* Study how **frequency spectrum of output voltage** changes with respect to the **variation of amplitude modulation ratio m**
* Analyze the operating sequence according to simulation waveforms

1. For single-phase PWM full-bridge *voltage-source converter*(VSC):

* Control the power stage so that the requirement of **AC side current amplitude** as well as **phase difference between AC side voltage and current** could be satisfied

1. It is recommended to use **Simulink**.