



**Sheng-Kuan Wang, Ph.D.**

**Position : Associate Professor**

**Phone : +886-2-2908-9899 Ext.4812**

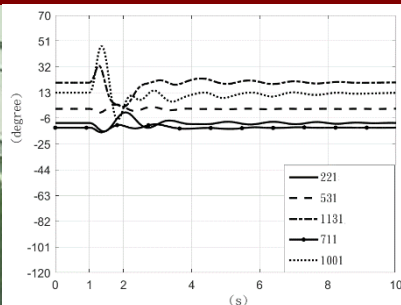
**E-Mail : [skwang@mail.mcut.edu.tw](mailto:skwang@mail.mcut.edu.tw)**

**Education : Ph.D., National Taiwan University.**

**Research : Power System Stability and Renewable Energy.**



**Testing Module of Wind Generator**



**Transient Stability**

The research fields:

- The effects of a new PV plant or energy storage system on Taiwan power system
  - Power flow of the power system for N-0 and N-1 cases
  - Voltage spread of buses (<3%)
  - Short current
  - Transient stability
  - Total harmonic distortion
- High/Low Voltage Ride
- On-grid renewable energy system
- Islanding detection technique