

**SEOUL NATIONAL UNIVERSITY  
SCHOOL OF MECHANICAL AND AEROSPACE ENGINEERING**

**SYSTEM ANALYSIS**

**Spring 2014**

**HW#1 Key concepts**

**Out: March 5, 2014 (We)**

**Due: March 12, 2014 (We)**

---

[1] Briefly describe followings:

- (1) Dynamics systems and static systems
- (2) Control systems
- (3) Principle of superposition
- (4) Modeling

[2] Select five examples of dynamic systems in the area of engineering, and define inputs, output and components of the systems.