

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

SYSTEM ANALYSIS

Spring 2015

HW#1 Key concepts

Out: March 10, 2015 (Tu)

Due: March 17, 2015 (Tu)

[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.