EECS 222C:
System-on-Chip Software Synthesis
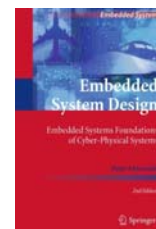# Lecture 2

Rainer Dömer

doemer@uci.edu

The Henry Samueli School of Engineering
Electrical Engineering and Computer Science
University of California, Irvine

Introduction to Embedded Systems

- Motivation and Overview
- Application Areas and Examples
- Common Characteristics
- Importance of Embedded Software

➢ Excerpts from Chapter 1
   – *"Embedded System Design"*
     Embedded Systems Foundations
              of Cyber-Physical Systems
     by P. Marwedel,
     2nd edition, Springer, 2011.

➢ Presented by Weiwei Chen, Ph.D. Candidate, EECS

EECS222C: SoC Software Synthesis, Lecture 2   (c) 2013 R. Doemer   2