



iems
intelligente eingebettete
mikrosysteme

Software-Engineering

Software Development Process Models - Introduction

Prof. Dr. Eckhart Hanser

Duale Hochschule Baden-Württemberg Lörrach
Baden Wuerttemberg Cooperative State University Loerrach
Studienbereich Technik / School of Engineering
hanser@dhbw-loerrach.de

UNI
FREIBURG



EUROPÄISCHE UNION



Literature

Helmut Balzert, Lehrbuch der Software-Technik, Band 1 und 2. Elsevier

Richard Fairley, Software Engineering Concepts. McGraw-Hill

Barry W. Boehm, Software Engineering Economics. Prentice Hall

Eckhart Hanser, Agile Prozesse: Von XP über Scrum bis MAP. Springer

Kap.1, Software-Prozessmodelle



Introduction - Waterfall model – Prototype model – Spiral model

Topics:

1. Introduction
2. Waterfall model
3. Prototype model
4. Spiral model



Introduction - Waterfall model – Prototype model – Spiral model

1. Introduction

Software-Engineering

(Boehm, 1981)

„Software engineering is the application of science and mathematics by which the capabilities of computer equipment are made useful to man via computer programs, procedures, and associated documentation.“

