

Intro to metrics

- Cost of Quality
- Characteristics of a useful measurement
- Reasons for collecting metrics

Chapter 1

- Definition of measurement
- Measurement in software engineering
- Metrics of interest to developers and managers

Chapter 2

- Chapter 2.1
 - Meaning of Empirical Relations
 - The rules of mapping
 - Representation condition
- Chapter 2.2
 - Defining attributes
 - Direct vs Derived or Indirect measurement
- Chapter 2.3
 - Measurement scale types
 - Nominal
 - Relational
 - Ordinal
 - Ratio
 - Absolute
- Chapter 2.4
 - Concept of Measurement Meaningfulness

Chapter 3

- Classification of software measures as Process, Product, or Resource
- Goal-Question-Metric
- Metrics associated with the levels of the SEI Capability Maturity Model