

Concrete: Microstructure, Properties, and Materials

P. Kumar Mehta, Paulo J. M. Monteiro

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THE MOST COMPREHENSIVE AND CURRENT GUIDE TO THE PROPERTIES, BEHAVIOR, AND TECHNOLOGY OF CONCRETE

This thoroughly updated edition contains new information on:

- Recently built construction projects worldwide
- Shrinkage-reducing admixtures
- Self-consolidating concrete, pervious concrete, internal curing, and other cutting-edge innovations
- Modeling of ice formation and alkali-aggregate reaction in concrete
- Environmental impact of concrete

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Comprehensive coverage includes:

- Microstructure of concrete
- Strength
- Dimensional stability
- Durability
- Hydraulic cements
- Aggregates
- Admixtures
- Proportioning concrete mixtures
- Concrete at early age
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