

Prestressed concrete building, design, and construction

Dolan, Charles W., author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20509411&lokasi=lokal>

Abstrak

This textbook imparts a firm understanding of the behavior of prestressed concrete and how it relates to design based on the 2014 ACI Building Code. It presents the fundamental behavior of prestressed concrete and then adapts this to the design of structures. The book focuses on prestressed concrete members including slabs, beams, and axially loaded members and provides computational examples to support current design practice along with practical information related to details and construction with prestressed concrete. It illustrates concepts and calculations with Mathcad and EXCEL worksheets.