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Unified Design of Steel Structures, 3rd edition, continues the unified LRFD and ASD approach to teaching structural steel design established in the first two editions. It addresses the design of steel structures for buildings as governed by the ANSI/AISC 360-16 Specification for Structural Steel Buildings, published by the American Institute of Steel Construction (AISC).

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The text presents a fresh look at steel design that is based, from the beginning, on the concepts used by the Specification Committee to develop the unified provisions. The text is designed primarily for use in a single course in basic steel design, but may also be used in a second, building oriented course in steel design, depending on the coverage in the first course.

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### Selected Homework Problem Answers

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Study the design of steel building structures per the 2005 unified specification, ANSI/AISC 360-05 Specification for Structural Steel Buildings with this key resource. Author Louis F. Geschwindner first builds the foundation for steel design and then explores the various member types in more detail.

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UNIFIED ASD AND LRFD A preferred approach to the design of steel structures had been elusive over a 20 year period from 1986 to 2005. In 1986, the American Institute of Steel Construction (AISC) issued its first Load and Resistance Factor Design (LRFD) Specification for Structural Steel Buildings.

### Unified design of steel structures | Carter, Charles J...

The explanations given are clear and concise. However the book is too thin to cover the breadth of Steel Design. More topics need to be addressed and each topic needs to be presented with a lot more depth. In summary, a better title for this book could have been "Unified Steel Design for Dummies".

### Amazon.com: Customer reviews: Unified Design of Steel ...

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