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this book provides insight into the design analysis and construction of a variety of building types

the only a z guide to structural steel design find a wealth of practical techniques for cost effectively designing steel structures from buildings to bridges in structural steel designers handbook by roger l brockenbrough and frederick s merritt the handbooks integrated approach gives you immediately useful information about steel as a material how its fabricated and erected how to analyze a structure to determine internal forces and moments from dead live and seismic loads how to make detailed design calculations to withstand those forces this new third edition introduces you to the latest developments in seismic design including more ductile connections and high performance steels offers an expanded treatment of welding helps you understand design requirements for hollow structural sections and for cold formed steel members and explores numerous design examples you get examples for both load and resistance factor design lrfd and allowable stress design asd

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