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2.14 Abbreviations; 3 Design Guidance; 3.1 General
3.2 Load capacities of simple connections
3.3 Sizes and load capacity of simple column bases; 4 Detailing Data; 5 Connection Details; 6 Computer Aided Detailing; 6.1 Introduction; 6.2 Steelwork detailing; 6.3 Constructing a 3-D model of a steel structure; 6.4 Object orientation; 6.5 Future developments; 7 Examples of Structures; 7.1 Multi-storey frame buildings; 7.1.1 Fire resistance; 7.2 Single-storey frame buildings; 7.3 Portal frame buildings; 7.4 Vessel support structure; 7.5 Roof over reservoir; 7.6 Tower; 7.7 Bridges; 7.8 Single-span highway bridge; 7.9 Highway sign gantry
7.10 Staircase
References; Further Reading; Appendix; Index

Sommario/riassunto

This highly illustrated manual provides practical guidance on structural steelwork detailing. It describes the common structural shapes in use and how they are joined to form members and complete structures explains detailing practice and conventions provides detailing data for standard sections, bolts and welds emphasises the importance of tolerances in order to achieve proper site fit-up discusses the important link between good detailing and construction costs Examples of structures include single and multi-storey buildings, towers a
