Tall Buildings

Contents

1. Introduction 1
2. Structural design strategies 3
3. Structural framing systems 14
4. Structural elements 25
5. Foundations 39
6. Buildability 48
7. Loading 58
8. Building dynamics 66
9. Wind engineering 74
10. Seismic engineering 86
11. Time-dependent behaviour 106
12. Materials 124
13. Structural design 129

References 141
14. Case Studies 145