Illustrations

Figu	ures	
I.1.	Shaoding edition of the YZFS	4
I.2.	YZFS illustration of bracketing	5
I.3.	Bracketing of the Soul-Sleeping Hall (973) at the Shrine for the God of the Ji River	5
I.4.	YZFS illustration of a revolving sutra library	6
I.5.	YZFS illustration of a carved stone platform	6
I.6.	YZFS illustration of wood-carving motifs	6
I.7.	YZFS illustrations of the color-painting system	7
1.1.	YZFS illustration of a six-rafter-span wood-framed structure	21
1.2.	Illustration of rammed-earth technology in the Erya yintu	23
1.3.	YZFS illustrations of orientation technology	30
1.4.	YZFS illustration of leveling technology	30
1.5.	Eight grades of a <i>cai</i> module of the <i>YZFS</i>	33
1.6.	Tanaka Tan's reconstruction drawing of the wood-framed structure of a pre- Qin palatial building	41
1.7.	YZFS illustrations of a <i>wutou</i> gate and of suspended fish and seaweed as roof decorations	57
2.1.	Dunhuang document containing measurements of the building materials for a grotto wood eave	69
2.2.	Proposed reconstruction of the grotto eave as described in the Dunhuang	69

viii ILLUSTRATIONS

2.3.	Classical system of palaces illustrated in Nie's Xinding Sanlitu	78
2.4.	Classical system of the king's city in Nie's Xinding Sanlitu	78
2.5.	Song-period hand-copied Taiping yulan	83
2.6.	Southern Song edition of the Yiwen leiju	83
2.7.	Format of the terminology section of the YZFS	83
2.8.	Tang-period hand-copied fragment of an earlier reference work found in Dunhuang	84
2.9.	Jin-period illustrations of early-period leveling technologies as recorded in the Dili xinshu	89
2.10.	Ming-period illustration of leveling technologies and tools in the Song treatise <i>Wujing zongyao</i>	92
2.11.	Illustration of system of cities in the Wujing zongyao	95
2.12.	Illustration of defense structures in the Wujing zongyao	95
3.1.	YZFS illustration of the color-painting system	113
3.2.	Clouds carved on an entwining-dragon stone column as illustrated in the YZFS	124
3.3.	Carved clouds and dragons on the horse-mounting stone of the Yongyu Mausoleum	124
3.4.	Wan-character motif used in a single-layer stone balustrade as illustrated in the YZFS	125
3.5.	Wan-character motif in the YZFS illustrations of the color-painting system	125
3.6.	Remnants of brick railings in <i>wan</i> -character motif excavated from the imperial Northern Song mausoleums in Gongyi	127
3.7.	Stone balustrade with <i>wan-</i> character motif at the Shrine for the God of the Ji River	127
3.8.	Soul-Sleeping Hall at the Shrine for the God of the Ji River	128
3.9.	Bracketing under front eave of the Soul-Sleeping Hall at the Shrine for the God of the Ji River	128
3.10.	Corner bracket sets in the Soul-Sleeping Hall at the Shrine for the God of the Ji River	129
3.11.	Bracket set of the Sanqing Hall at the Yuanmiao Daoist Monastery in Putian	129
3.12.	Bracket sets imitating timber structure on the western pagoda of the Kaiyuan Monastery in Quanzhou	129
3.13.	Angled protruding bracket arms of the Moni Hall, Longxing Monastery, Zhengding	129
3.14.	YZFS illustration of the carving system of "background-indented relief-sculptured" scrolled-leaf flowers	131

3.15.	Difference between stone-carving technique of "background-indented relief sculpture" and that of "background-recessed low relief" in the <i>YZFS</i>	132
3.16.	Flowers carved on platform of the Sarira Dagoba of the Qixia Monastery, Nanjing	132
3.17.	Exotic pomegranate flowers carved on the Po Pagoda, Kaifeng	133
	Two "background-indented relief-sculptured" exotic pomegranate flowers carved on the Po Pagoda	134
3.19.	Exotic pomegranate flowers carved on the stone columns of the main hall of the Chuzu'an Nunnery in Dengfeng, Henan	135
3.20.	Peonies carved on the stone pillar of the Yongyu Mausoleum for Emperor Shenzong	136
4.1.	Beam structure of the Sanqing Hall at Yuanmiao Daoist Monastery in Putian	139
4.2.	Architectural image on Spring and Autumn–period lacquerware fragment excavated at Linzi, Shandong	144
4.3.	Architectural images on Han-period pictorial stones and masonry watchtowers	145
4.4.	Han-period bracketing with protruding arms	145
4.5.	Sketch of the making of a flower-shaped bracket set	146
4.6.	Sketch of bracketing with no protruding arms	146
4.7.	Tang-period mural on the southern wall of Cave No. 172 at Dunhuang	146
4.8.	Wuyue-period masonry at the White Pagoda at Zhakou, Hangzhou	147
4.9.	Brackets in the main hall of the Chuzu'an Nunnery	147
4.10.	Two special bracket constructions, doukoutiao and batou jiaoxiangzuo	148
4.11.	Sketch of doukoutiao and batou jiaoxiangzuo bracket constructions	148
4.12.	Protruding arms likened to branches	150
4.13.	Cross arms likened to leaves on "branches"	152
4.14.	Protruding arms likened to flower sprays	153
4.15.	Flower sprays in nature	154
4.16.	Tang-period examples of bracketing at Dunhuang	155
4.17.	Song-period examples of bracketing at Zhengding, Hebei, and Huqiu, Suzhou	155
4.18.	YZFS illustration of mortises in brackets	156
4.19.	YZFS illustration of color-painting styles for brackets	156
4.20.	Sketch of bracketing "flower hearts"	157
4.21.	Sketch of bracketing likened to flowers	160
4.22.	Sketch of bracket sets on columns likened to rows of flowering trees	160

x ILLUSTRATIONS

4.23.	Big block as a popular form of bracketing from the Zhou to Han periods	161
4.24.	"Flower head" in a bracket set	165
4.25.	"Little flower chin-erased" bracket arm	165
4.26.	Coffer of stone chamber of Han-period tomb at Yi'nan, Shandong	167
4.27.	Sketch of cantilevers likened to flower sprays with "petals" (cross arms)	167
4.28.	Architectural remains of Neolithic residences at Banpo, Xi'an	170
4.29.	Two images of curved brackets on pictorial stones excavated at Liangchengshan, Shandong	172
4.30.	Curved brackets represented in Han-period architectural remains in Sichuan	173
5.1.	Shengong resembling a kidney	186
5.2.	Same-length mud-line arm and "melon-seed arms"	188
5.3.	YZFS illustration of mortises of mangong and linggong	188
5.4.	YZFS illustration of mortises of huagong	193
5.5.	Anzhi as illustrated in the YZFS	193
5.6.	Cao-style halls of tenth to eleventh centuries	197
5.7.	Cao-style hall as seen from the Dragon Pavilion of the Shrine for the God of the Ji River	197
5.8.	Wu-style hall at the Yongle Daoist Monastery	197
5.9.	YZFS illustrations of color-painting styles used on filling board between bracket sets	198
5.10.	Rising clouds and palaces depicted in wall painting of the tomb for Empress Li	199
5.11.	Rising clouds depicted on north side of pictorial stone column base in the tomb of Empress Cao	199
Tabl	es	
1.	Numbers of Historical Texts Quoted in the Entries for Selected Building Types in the <i>Taiping Yulan</i>	82
2.	YZFS Bracketing Terms Incorporating Botanical Nomenclature	141
3.	Huaxin in Tang and Song Poems	157
	-	