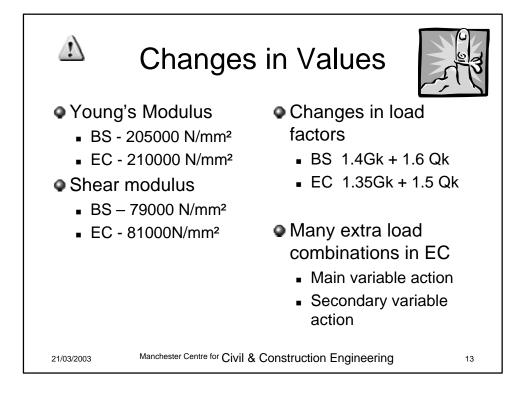
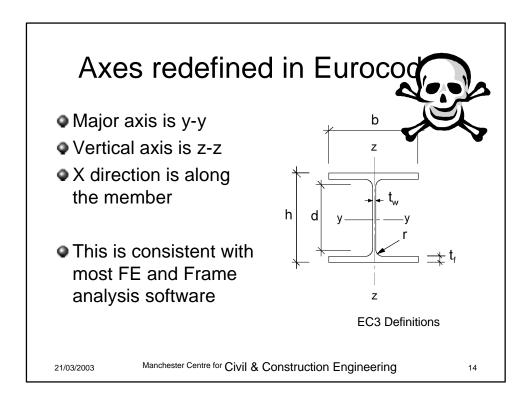
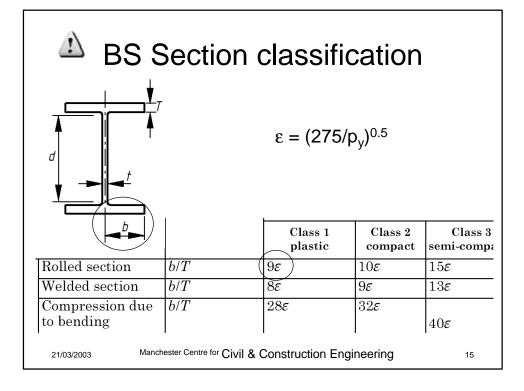
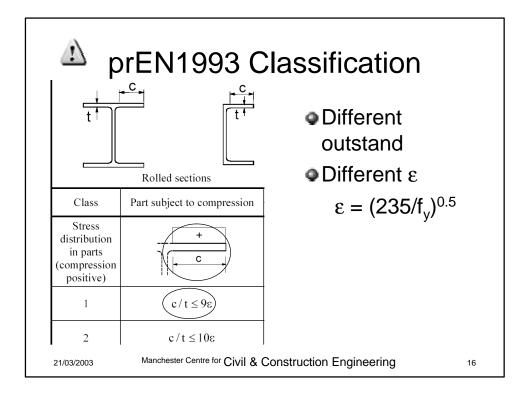


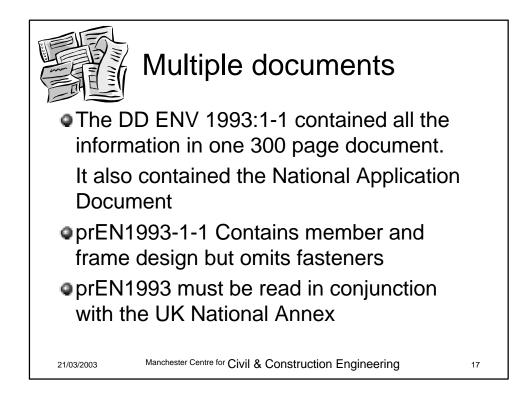
	BS5950	Eurocode
Elastic Modulus	Z	\mathbf{W}_{el}
Plastic Modulus	S	W _{pl}
Radius of Gyration	r	i
Torsion constant	J	I_t
Warping constant	Н	I_w

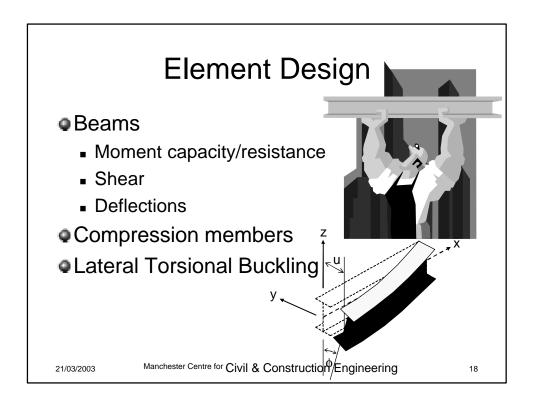


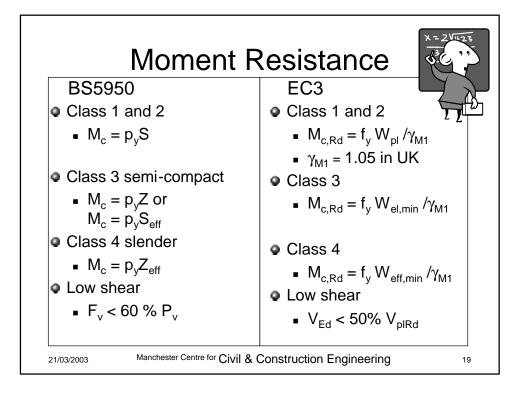


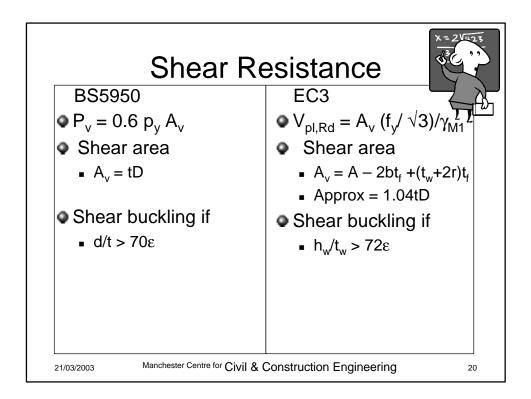


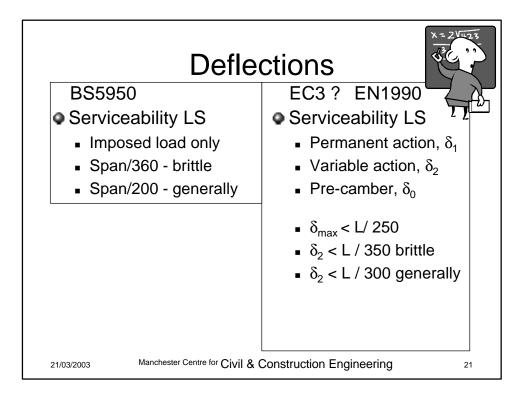


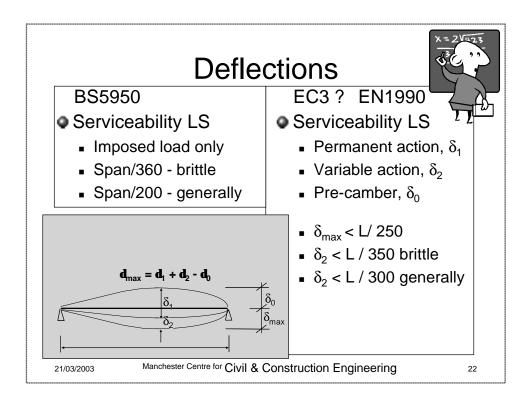


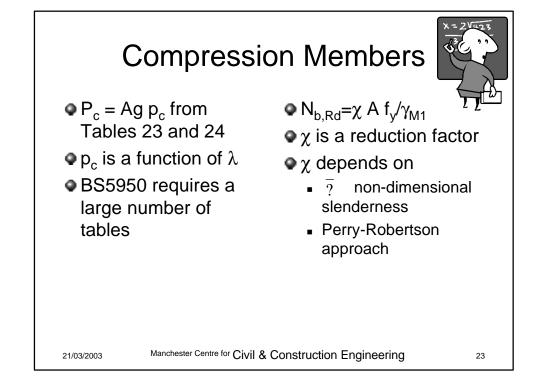


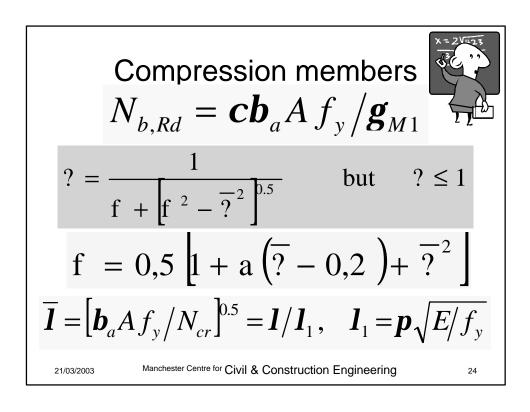


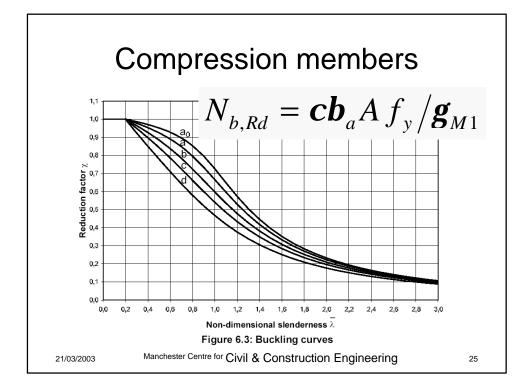


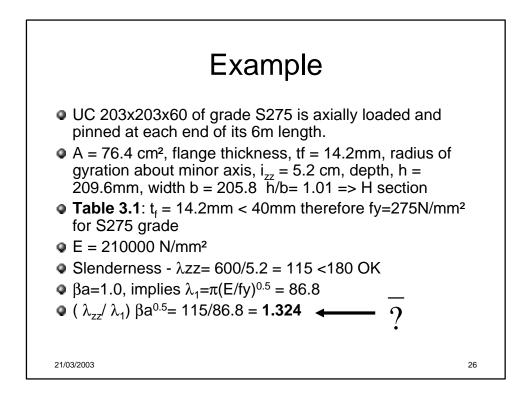


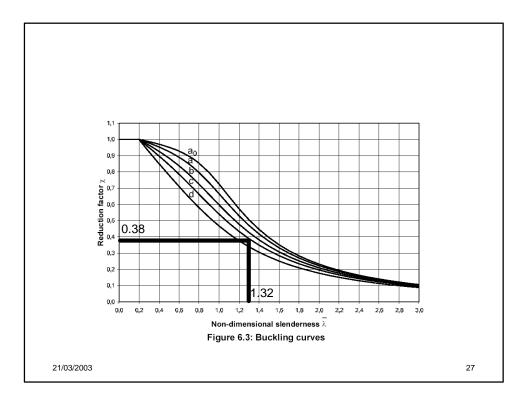


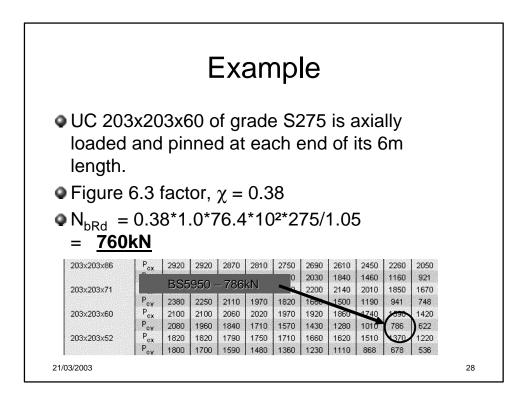




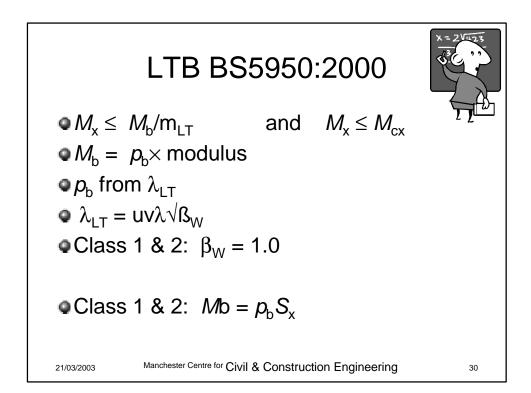


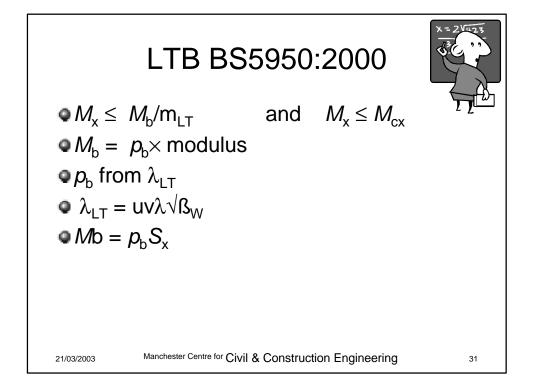


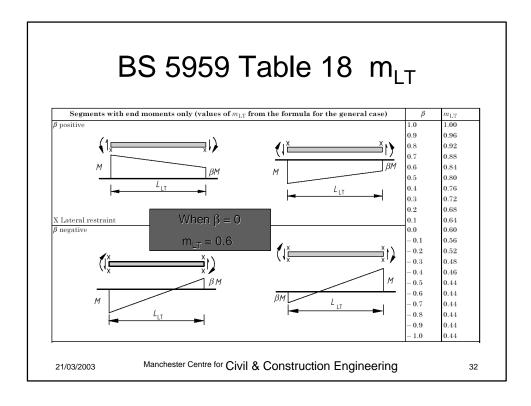


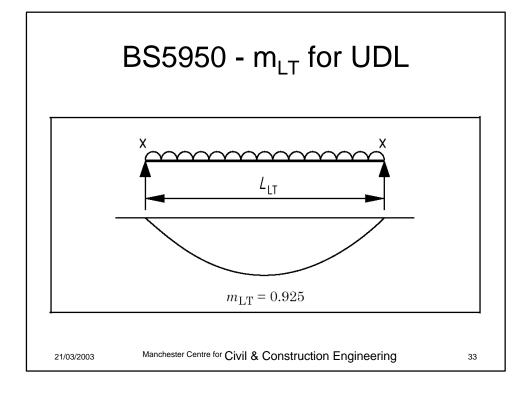


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p _b from Table 16											
- ~											
λ_{LT}	Steel grade and design strength $p_{\rm y}$ (N/mm ²)									mm²)	
		S 275				S 355				Т	
	235	245	255	265	275	315	325	335	345	355	400
25	235	245	255	265	275	315	325	335	345	355	400
30	235	245	255	265	275	315	325	335	345	355	395
35	235	245	255	265	273	307	316	324	332	341	378
40	229	238	246	254	262	294	302	309	317	325	359
45	219	227	235	242	250	280	287	294	302	309	340
50	210	217	224	231	238	265	272	279	285	292	320
55	199	206	213	219	226	251	257	263	268	274	299
60	189	195	201	207	213	236	241	246	251	257	278
65	179	185	190	196	201	221	225	230	234	239	257
70	169	174	179	184	188	206	210	214	218	222	237
75	159	164	168	172	176	192	195	199	202	205	219
80	150	154	158	161	165	178	181	184	187	190	201
85	140	144	147	151	154	165	168	170	173	175	185
90	132	135	138	141	144	153	156	158	160	162	170
95	124	126	129	131	134	143	144	146	148	150	157

