## Contents

Preface			vii	
List of abbreviations				
List of figures				
List of tables				
1	Ove	rall assessments and balancing of interests	1	
	1.1	Introduction	1	
	1.2	Balancing and combined weighting	9	
	1.3	Examples of balancing of interests	13	
	1.4	Overall assessments	21	
	1.5	What are the differences between balancing of interests		
		and overall assessments?	26	
	1.6	Summary and conclusions	42	
2	Multi-criteria analysis			
	2.1	Introduction	45	
	2.2	Different forms of MCA and other methods –		
		an overview	51	
	2.3	The steps of MCA	55	
	2.4	Summary and conclusions	77	
3	Intuition			
	3.1	Introduction	80	
	3.2	Different types of intuition	81	
	3.3	Parallel thought processes	87	
	3.4	Heuristics – shortcuts to decisions	89	
	3.5	Intuition versus mathematics	92	
	3.6	Summary and conclusions	95	
4			98	
	4.1	Introduction	98	
	4.2	RB as decision process	98	
	4.3	Video conference or court session?	104	
	4.4	Section 36, the Contracts Act	109	
		Sentencing	127	
	4.6	Fuzzy logic	136	
	4.7	Summary and conclusions	147	

5	Decision-making under uncertainty		152
	5.1	Introduction	152
	5.2	Risk, hazard and uncertainty	153
	5.3	The utility of a decision	161
	5.4	Probability and utility in an integrated assessment –	
		an example using 'the best interests of the child'	165
	5.5	Utility theory and burden of proof	171
	5.6	Summary and conclusions	174
6	Evidentiary aspects		176
	6.1	Introduction	176
	6.2	The epistemology of evidence evaluation	184
	6.3	Evaluation of testimonies	187
	6.4	Different aspects of evidence	192
	6.5	Fuzzy logic – an example of application	194
	6.6	Summary and conclusions	206
Bil	bliogr	raphy	211
Inc	Index		