

Foreword—From a Trainer's Point of View.....	9
Acknowledgements.....	16
1 Tennis Matches Are Decided in the Head.....	20
2 Definition and Relevance of Cognitions.....	26
3 Cognitions in Tennis.....	32
3.1 Anticipation	35
3.2 Perception.....	40
3.2.1 Conscious Perception Processes Based on Correct Information..	42
3.2.2 Conscious Perception Processes Based on Incorrect Information (Deceptions)	44
3.2.3 Unconscious Perception Processes Based on Correct Information.....	45
3.2.4 Unconscious Perception Processes Based on Incorrect Information (Deceptions)	47
3.3 Attention.....	47
3.3.1 Selective Attention.....	50
3.3.2 Divided Attention.....	51
3.4 Game Intelligence	55

3.5 GAME

3.5	Game Creativity	58
3.5.1	Deliberate Play	61
3.5.2	One-Dimensional Games.....	62
3.5.3	Diversification.....	62
3.5.4	Deliberate Coaching.....	62
3.5.5	Deliberate Motivation.....	63
3.5.6	Deliberate Practice.....	63
3.6	Working Memory.....	63
4	Diagnostics of Cognitions	68
4.1	Laboratory Tests.....	68
4.1.1	Attention Window Test.....	70
4.1.2	Working Memory Span Test.....	71
4.1.3	Perceptual Load Test	72
4.1.4	Multiple Object Tracking Test.....	73
4.2	Field Tests	74
4.2.1	Game Test Situation: Moving the Ball to the Goal.....	74
4.2.2	Game Test Situation: Interplay	77
4.2.3	Game Test Situation: Using Gaps.....	79
4.2.4	Game Test Situation: Creating a Majority.....	81
5	Games for Cognitive Training	84
5.1	Anticipation Games	85
5.2	Perception Games.....	93
5.3	Attention Games.....	106
5.4	Game Intelligence Games	127
5.5	Methodical Notes on Game Creativity	137
5.6	Working Memory Games	138
	References	164