

Contents

1	Introduction: From <i>The Princess Bride</i> to Computational Personality	1
	References.	7
2	Personality in a Nutshell: Understanding Who We Are	9
2.1	The Five-Factor Model of Personality	12
2.2	The Psychodynamic Approach	15
2.3	The Cognitive–Behavioral Approach	20
	References.	24
3	Computational Personality Analysis: When the Machine Meets the Psychologist	27
	References.	37
4	Distributional Semantics and Personality: How to Find a Perpetrator in a Haystack	39
4.1	Vectors of Personality.	39
4.2	Rock-and-Roll Personality	43
4.3	Finding a Murderer in a Haystack	45
4.4	Separating the Barking from the Biting Dogs: Automatic Identification of Intentions	48
	References.	52
5	Themes of Personality: Profiling a Political Leader	53
	References.	59
6	Going Beyond Words: How the Sisters of Mercy May Identify Psychopaths	61
	References.	69
7	Hidden Textual Themes: Into Shakespeare’s Mind	71
	References.	77

8 The Complexity of Personality: From Snowden to Superman 79
References. 85

**9 Attractors of Personality: A Murderer, a Terrorist
and Some Angry Jews.** 87
9.1 Into the Mind of a Murderer. 88
9.2 Into the Mind of a Terrorist 91
9.3 Into the Minds of Self-hating Jews. 92
References. 97

**10 Taking Complexity a Step Forward: The Reversibility
of the Pedophile’s Mind** 99
10.1 Reversibility and Irreversibility. 99
10.2 Recurrence Quantification Analysis 101
10.3 Synergy and Personality: The Whole Is Different
from the Sum of Its Parts 104
References. 107

11 Discussion 109
11.1 From What to Who and from Why to How 111
11.2 Ethical Considerations 113
References. 114

Appendix: Snowden’s Letter 115

Author Index. 117

Subject Index. 119



<http://www.springer.com/978-3-319-42458-3>

Computational Personality Analysis
Introduction, Practical Applications and Novel
Directions

Neuman, Y.

2016, IX, 120 p. 12 illus., 5 illus. in color., Hardcover

ISBN: 978-3-319-42458-3