

Contents

<i>List of Figures and Tables</i>	ix
<i>Acknowledgements</i>	xv
1 Comics and Empirical Research: An Introduction	1
ALEXANDER DUNST, JOCHEN LAUBROCK, AND JANINA WILDFEUER	
PART I	
Digital Approaches to Comics Research	25
2 Two Per Cent of What? Constructing a Corpus of Typical American Comic Books	27
BART BEATY, NICK SOUSANIS, AND BENJAMIN WOO	
3 The Quantitative Analysis of Comics: Towards a Visual Stylometry of Graphic Narrative	43
ALEXANDER DUNST AND RITA HARTEL	
4 “The Spider’s Web”: An Analysis of Fan Mail from <i>Amazing Spider-Man</i>, 1963–1995	62
JOHN A. WALSH, SHAWN MARTIN, AND JENNIFER ST. GERMAIN	
5 Crowdsourcing Comics Annotations	85
MIHNEA TUFIS AND JEAN-GABRIEL GANASCIA	
6 Computer Vision Applied to Comic Book Images	104
CHRISTOPHE RIGAUD AND JEAN-CHRISTOPHE BURIE	

PART II

Linguistics and Multimodal Analysis 125

- 7 From Empirical Studies to Visual Narrative Organization: Exploring Page Composition** 127

JOHN A BATEMAN, ANNIKA BECKMANN,
AND ROCÍO INÉS VARELA

- 8 Character Developments in Comics and Graphic Novels: A Systematic Analytical Scheme** 154

CHIAO-I TSENG, JOCHEN LAUBROCK, AND
JANA PFLAEGING

- 9 How Informative are Information Comics in Science Communication? Empirical Results from an Eye-Tracking Study and Knowledge Testing** 176

HANS-JÜRGEN BUCHER AND BETTINA BOY

- 10 The Interpretation of an Evolving Line Drawing** 197

PASCAL LEFÈVRE AND GERT MEESTERS

PART III

Cognitive Processing and Comprehension 215

- 11 Viewing Static Visual Narratives through the Lens of the Scene Perception and Event Comprehension Theory (SPECT)** 217

LESTER C. LOSCHKY, JOHN P. HUTSON, MAVERICK E.
SMITH, TIM J. SMITH, AND JOSEPH P. MAGLIANO

- 12 Attention to Comics: Cognitive Processing During the Reading of Graphic Literature** 239

JOCHEN LAUBROCK, SVEN HOHENSTEIN, AND
MATTHIAS KÜMMERER

- 13 Reading Words and Images: Factors Influencing Eye Movements in Comic Reading** 264

CLARE KIRTLEY, CHRISTOPHER MURRAY, PHILLIP
B. VAUGHAN, AND BENJAMIN W. TATLER

14	Detecting Differences between Adapted Narratives: Implication of Order of Modality on Exposure	284
	JOSEPH P. MAGLIANO, JAMES A. CLINTON, EDWARD J. O'BRIEN, AND DAVID N. RAPP	
15	Visual Language Theory and the Scientific Study of Comics	305
	NEIL COHN	
	<i>Glossary</i>	329
	<i>List of Contributors</i>	337
	<i>Index</i>	347