see internet in a second working the after that a bard the work solds.

TABLE OF CONTENTS

Al	bout the Authors	vii
Pr	reface	viii
1	Introduction to Social Neuroscience	1
	What is social neuroscience?	1
	History of social neuroscience	2
	Why add neuroscience methods to social and personality psychology?	4
	Origins of electroencephalography	5
	Conclusion	7
	References	7
2	From Cortex to Computer: The Principles of	
	Recording EEG	9
	The neural basis of EEG	9
	Principles of recording EEG	14
	Analog-to-digital converter error	22
3	The EEG Laboratory	25
	Hardware considerations	26
	Software considerations	33
	Electrodes/montage	37
	Miscellaneous tips for the EEG laboratory	42
	References	46
4	Getting Started with Data Analysis: Data Pre-Processing	48
	Overview	48
	Introduction to EEGlab	49
	Quality control	51
	Artifact correction	53
	References	57
5	Time-Domain Analysis	58
	The event-related potential	58
	Domain review: person perception	64
	Guided analysis: ERP analysis with EEGlab and ERPlab	67
	References	88

vi	EEG Methods for the Psychological Sciences	
6	Frequency-Domain Analysis	92
	The spectral content of EEG	92
	Domain review	97
	Guided analysis: measuring ERBP and alpha asymmetry in	
	EEGlab/ERPlab	98
	References	114
7	Time-Frequency Analysis	116
	Introduction to time-frequency analysis	116
	Domain review: mu/mirror neurons	119
	Guided analysis: time-frequency analysis with EEGlab	121
	References	135
8	Current Domains and Future Directions	138
	Self-regulation	138
	The self	139
	Attraction and interpersonal relationships	140
	Theory of mind	141
	Personality	141
	Conclusion	142
	References	142
A	ppendix : Generating a Simple Experiment with PsychoPy	145
	Introduction to PsychoPy	145
	Components of the protocol	146
	Using loops to create blocks of trials	155
	Controlling the flow of the experiment	158
	Adding triggers for time-locking ERPs	159
	References	162
In	dex	163

