Contents

CYCLE 1:	Introduction 3
CYCLE 2:	Structure Defines Function 29
CYCLE 3:	Diversity of Cortical Functions Is Provided by Inhibition 61
CYCLE 4:	Windows on the Brain 80
CYCLE 5:	A System of Rhythms: From Simple to Complex Dynamics 111
CYCLE 6:	Synchronization by Oscillation 136
CYCLE 7:	The Brain's Default State: Self-Organized Oscillations
	in Rest and Sleep 175
CYCLE 8:	Perturbation of the Default Patterns by Experience 206
CYCLE 9:	The Gamma Buzz: Gluing by Oscillations in the
	Waking Brain 231
CYCLE 10:	Perceptions and Actions Are Brain-State Dependent 262
CYCLE 11:	Oscillations in the "Other Cortex": Navigation in Real
	and Memory Space 277
CYCLE 12:	Coupling of Systems by Oscillations 334
CYCLE 13:	Tough Problems 357
References	373
Index 433	3