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Altri autori (Persone)	LevinFred M
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Nota di contenuto	Cover; Copy Right; DEDICATION; ABOUT THE EDITOR; PREFACE; EDITOR'S INTRODUCTION; PART I: THE UNCONSCIOUS REVISITED AND RECONCEPTUALIZED; CHAPTER ONE: Sleep and dreaming, Part 1: Dreams are emotionally meaningful adaptive learning engines that help us identify and deal with unconscious (ucs) threats by means of deferred action plans; REM sleep consolidates memory for that which we learn and express in dreams CHAPTER TWO: Sleep and dreaming, Part 2: The importance of the SEEKING system for dream-related learning and the complex contributions to dreaming of memory mechanisms, transcription factors, sleep activation events, reentrant architecture, the anterior cingulate cortex (ACC), periaqueductal gray (PAG), and the centromedian nucleus of the thalamus (CNT)PART II: EMOTION: TOWARDS UNDERSTANDING ITS PLACE AND PURPOSE IN MIND/BRAIN CHAPTER THREE: A neuro-psychoanalytic theory of emotion, Part 1: The basis for a serious interdisciplinary approach, or, how we are trying to clarify the ways brain and mind create each otherCHAPTER FOUR: A

neuro-psychoanalytic theory of emotion, Part 2: Comments on Critical commentaries; PART III: MORE ABOUT GENE ACTIVATION, SPONTANEITY, AND THE PRIMING OF MEMORY FOR PSYCHOANALYTIC LEARNING; CHAPTER FIVE: Synapses, cytokines and long-term memory networks: An interdisciplinary look at how psychoanalysis activates learning via its effects on emotional attention
CHAPTER SIX: Recent neuroscience discoveries, and protein cellular pathways: their possible interdisciplinary significance
CHAPTER SEVEN: Introduction to the cerebellum (CB): Ito Masao's controllerregulator model of the brain, and some implications for psychodynamic psychiatry and psychoanalysis (including how we understand the conscious/unconscious distinction, and the role of feelings in the formation and expression of the self); PART IV: THE CEREBELLUM, ADVANCED CONSIDERATIONS: THE ROLE OF RECALIBRATION, AND MODELING OF ONE PART OF THE BRAIN BY ANOTHER
CHAPTER EIGHT: When might the CB be involved in modeling the Limbic System, the SEEKING system, or other systems?
CHAPTER NINE: The CB contribution to affect and the affect contribution to the CB. How emotions are calibrated within a virtual reality (of thought and dreaming) for the purpose of making complex decisions about the future, with minimal error; PART V: WHERE WE HAVE BEEN; CHAPTER TEN: Review, summary, and conclusions; BIBLIOGRAPHY

Sommario/riassunto

This is a book about cognition, emotion, memory, and learning. Along the way it examines exactly how implicit memory ("knowing how") and explicit memory ("knowing that") are connected with each other via the cerebellum. Since emotion is also related to memory, and most likely, one of its organising features, many fields of human endeavour have attempted to clarify its fundamental nature, including its relationship to metaphor, problem-solving, learning, and many other variables. This is an attempt to pull together the various strands relating to emotions, so that clinicians and researchers
