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Nota di contenuto	Frontmatter -- Contents -- Preface and Dedication -- 1. Toward a Universal Theory of Brain Arousal -- 2. Anatomy Is Not Destiny, but a Little Neuroanatomy Helps -- 3. Arousal Is Signaled by Electrical Discharges in a System of Nerve Cells -- 4. Autonomic Nervous System Changes Supporting Arousal; the Unity of the Body -- 5. Genes Whose Neurochemical Products Support Arousal -- 6. Heightened States of Arousal: Sex Compared to Fear -- 7. Major Systems Questions about Brain Arousal Networks -- 8. Summary and Practical Importance: From Biological Mechanisms to Health Applications -- Works Cited -- Acknowledgments -- Index
Sommario/riassunto	In Brain Arousal and Information Theory, Donald Pfaff presents a daring perspective on the long-standing puzzle of what arousal is. Pfaff argues that, beneath our mental functions and emotional dispositions, a primitive neuronal system governs arousal. Employing the simple but powerful framework of information theory, Pfaff revolutionizes our understanding of arousal systems in the brain.