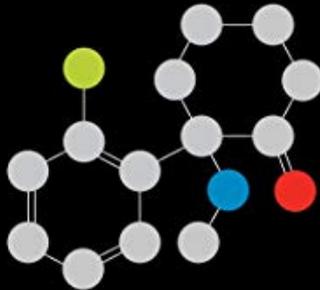


KETAMINE

BITA MOGHADDAM



THE MIT PRESS ESSENTIAL KNOWLEDGE SERIES

Read Online Ketamine (The MIT Press Essential Knowledge Series)

As recognized, adventure as skillfully as experience virtually lesson, amusement, as well as understanding can be gotten by just checking out a ebook **Ketamine (The MIT Press Essential Knowledge series)** afterward it is not directly done, you could agree to even more more or less this life, nearly the world.

We find the money for you this proper as with ease as simple mannerism to acquire those all. We allow Ketamine (The MIT Press Essential Knowledge series) and numerous books collections from fictions to scientific research in any way. in the course of them is this Ketamine (The MIT Press Essential Knowledge series) that can be your partner.

Ketamine-Bita Moghaddam 2021-02-16 The emergence of ketamine--previously known as a combat anesthetic and club drug--as a treatment for depression. Ketamine, approved in 2019 by the Food and Drug Administration for the

treatment of depression, has been touted by scientists and media reports as something approaching a miracle cure. This volume in the MIT Press Essential Knowledge series chronicles the ascent of a drug that has been around for fifty years--in previous incarnations, a Vietnam-era combat anesthetic and a popular club drug--that has now been reinvented as a treatment for

depression. Bitá Moghaddam, a leading researcher in neuropharmacology, explains the scientific history and the biology of ketamine, its clinical use, and its recently discovered antidepressant effects, for the nonspecialist reader.

The Little Book of Ketamine-Kit Kelly

2001-07-15 Ketamine, also called K, Special K, and Kit Kat, causes bizarre experiences unlike any other psychedelic drug. The Little Book of Ketamine describes the recreational and spiritual use of Ketamine, including: What K is, how it is made, and how it is used; How K affects the brain; Hallucinations, near-death and out-of-body experiences; Spiritual enlightenment through K and afterlife experiences; Dosages, administration, and safety precautions; Accounts of K-Trips by experienced users; How it feels to go to K-Land; Ketamine and the law. The Little Book of Ketamine reviews the history of Ketamine from its discovery to its use in night clubs and raves, as well as describing

extraordinary stories of Ketamine's effects while being mindful of what is myth and what is reality. "Ketamine is a very odd and intriguing entheogen, outpacing all others in sheer range of experience and utter strangeness. It unlocks powers so intense and improbable it is hard to believe such a substance could even exist."

—James Kent TRP

Hate Speech-Caitlin Ring Carlson 2021-04-06

An investigation of hate speech: legal approaches, current controversies, and suggestions for limiting its spread. Hate speech can happen anywhere--in Charlottesville, Virginia, where young men in khakis shouted, "Jews will not replace us"; in Myanmar, where the military used Facebook to target the Muslim Rohingya; in Capetown, South Africa, where a pastor called on ISIS to rid South Africa of the "homosexual curse." In person or online, people wield language to attack others for their race, national origin, religion, gender, gender identity, sexual orientation, age, disability, or other

aspects of identity. This volume in the MIT Press Essential Knowledge series examines hate speech: what it is, and is not; its history; and efforts to address it.

Ketamine for Treatment-Resistant

Depression-Sanjay J. Mathew 2016-11-25 This book brings together an international group of clinicians and researchers from a broad swath of inter-related disciplines to offer the most up-to-date information about clinical and preclinical research into ketamine and second-generation “ketamine-like” fast-acting antidepressants. Currently available antidepressant medications act through monoaminergic systems, are ineffective for many individuals suffering from depression, and are associated with a delayed onset of peak efficacy of several months. The unexpected emergence of ketamine, an anesthetic N-methyl-D-aspartate (NMDA) receptor antagonist, as a rapid-acting antidepressant has reinvigorated CNS drug discovery research and catalyzed investigation in

patient populations historically ignored in antidepressant drug development programs, particularly treatment-resistant patients and those with suicidality. Recent industry and academic research efforts have coalesced to explore NMDA receptor and glutamatergic molecular targets that lack ketamine’s psychotomimetic side effects and abuse liability but retain its rapid onset of efficacy. However, many fundamental questions remain regarding the neurobiological mechanisms underlying ketamine’s rapid antidepressant effects and the puzzling persistence of benefits observed in some patients following a single dose. This book examines how insights from these studies are forging new conceptual models of the neurobiology of stress-related affective, anxiety, and addictive disorders and the nature of treatment resistance. It also discusses how ketamine’s rapid antidepressant effects provide a scientific platform to facilitate innovation in clinical trial designs pertaining to patient selection, choice of control group, outcome measures, and dose-optimization. This book

brings together data and insights from this rapidly expanding and extraordinarily promising field of study. Readers will be able to extract integrated themes and useful insights from the material contained in these diverse chapters and appreciate the paradigm-shifting contributions of ketamine to modern psychiatry and clinical neuroscience research.

Ketamine for Depression-Dr. Stephen J. Hyde 2015-09-04 Given the unacceptably high rates of suffering, disability and premature death experienced by people with treatment-resistant depression and the surprisingly low rates of problems arising from the use of ketamine to treat the disorder, this is a therapy that all patients and their doctors should be discussing. This book summarises the research that has been carried out into ketamine for the treatment of depression over the past 15 years and, most importantly, describes different ways of using ketamine that are both practical and cost-effective. Currently most ketamine therapy

is given intravenously in specialised clinics at considerable expense, but the author has successfully treated patients with low-dose sublingual ketamine and his patients have been able to safely take this at home. Profits from the sales of this book will assist further research into the use of ketamine for the treatment of depression.

Visual Culture-Alexis L. Boylan 2020-08-11 As if John Berger's *Ways of Seeing* was re-written for the 21st century, Alexis L. Boylan crafts a guide for navigating the complexities of visual culture in this concise introduction. The visual surrounds us, some of it invited, most of it not. In this visual environment, everything we see--art, color, the moon, a skyscraper, a stop sign, a political poster, rising sea levels, a photograph of Kim Kardashian West--somehow becomes legible, normalized, accessible. How does this happen? How do we live and move in our visual environments? This volume offers a guide for navigating the complexities of visual culture,

outlining strategies for thinking about what it means to look and see--and what is at stake in doing so.

Behavioral Insights-Michael Hallsworth 2020 "An authoritative guide for general readers in both public policy and business to help them understand exactly what behavioral insights are, why they matter, and where they may go next"--

Dynamic Coordination in the Brain-Christoph von der Malsburg 2010 An examination of how widely distributed and specialized activities of the brain are flexibly and effectively coordinated.

Ketamine-Karl Jansen 2004 "Karl Jansen's book *Ketamine, Dreams, and Realities* is a goldmine of information on this fascinating substance that combines in a unique way the properties of an anesthetic and a psychedelic. It is clearly written, well researched and documented, and presents a

balanced and objective view point. The author's broad perspective that covers all the aspects of Ketamine from pharmacology to its use in raves makes this book interesting for clinicians and researchers, as well as the general public."- Stan Grof, M.D., author of *Psychology of the Future: Lessons From Modern Consciousness Research; LSD Psychotherapy* "Indispensable reading for those with any interest in ketamine. Entertaining, thought-provoking, and thorough." - Rick Strassman, M.D., author of *DMT: The Spirit Molecule: A Doctor's Revolutionary Research into the Biology of Near-Death and Mystical Experiences* "It is an excellent book... a well done comprehensive review of the entire history of ketamine." - Evgeny Krupitsky, M.D., Ph.D. Pioneer researcher into the use of ketamine-assisted psychotherapy in the treatment of alcoholism and heroin addiction.

Contraception-Donna J. Drucker 2020-04-07 The development, manufacturing, and use of contraceptive methods from the late nineteenth

century to the present, viewed from the perspective of reproductive justice. The beginning of the modern contraceptive era began in 1882, when Dr. Aletta Jacobs opened the first birth control clinic in Amsterdam. The founding of this facility, and the clinical provision of contraception that it enabled, marked the moment when physicians started to take the prevention of pregnancy seriously as a medical concern. In this volume in the MIT Press Essential Knowledge series, Donna Drucker traces the history of modern contraception, outlining the development, manufacturing, and use of contraceptive methods from the opening of Dr. Jacobs's clinic to the present. Drucker approaches the subject from the perspective of reproductive justice: the right to have a child, the right not to have a child, and the right to parent children safely and healthily. Drucker describes contraceptive methods available before the pill, including the diaphragm (dispensed at the Jacobs clinic) and condom, spermicidal jellies, and periodic abstinences. She looks at the development and dissemination of the pill and its

chemical descendants; describes technological developments in such non-hormonal contraceptives as the cervical cap and timing methods (including the "rhythm method" favored by the Roman Catholic church); and explains the concept of reproductive justice. Finally, Drucker considers the future of contraception—the adaptations of existing methods, new forms of distribution, and ongoing efforts needed to support contraceptive access worldwide.

Cynicism—Ansgar Allen 2020-04-14 A short history of cynicism, from the fearless speech of the ancient Greeks to the jaded negativity of the present. Everyone's a cynic, yet few will admit it. Today's cynics excuse themselves half-heartedly—"I hate to be a cynic, but..."—before making their pronouncements. Narrowly opportunistic, always on the take, contemporary cynicism has nothing positive to contribute. The Cynicism of the ancient Greeks, however, was very different. This Cynicism was a marginal philosophy practiced by a small band of

eccentrics. Bold and shameless, it was committed to transforming the values on which civilization depends. In this volume of the MIT Press Essential Knowledge series, Ansgar Allen charts the long history of cynicism, from the “fearless speech” of Greek Cynics in the fourth century BCE to the contemporary cynic's lack of social and political convictions. Allen describes ancient Cynicism as an improvised philosophy and a way of life disposed to scandalize contemporaries, subjecting their cultural commitments to derision. He chronicles the subsequent “purification” of Cynicism by the Stoics; Renaissance and Enlightenment appropriations of Cynicism, drawing on the writings of Shakespeare, Rabelais, Rousseau, de Sade, and others; and the transition from Cynicism (the philosophy) to cynicism (the modern attitude), exploring contemporary cynicism from the perspectives of its leftist, liberal, and conservative critics. Finally, he considers the possibility of a radical cynicism that admits and affirms the danger it poses to contemporary society.

The Book-Amaranth Borsuk 2018-05-04 The book as object, as content, as idea, as interface. What is the book in a digital age? Is it a physical object containing pages encased in covers? Is it a portable device that gives us access to entire libraries? The codex, the book as bound paper sheets, emerged around 150 CE. It was preceded by clay tablets and papyrus scrolls. Are those books? In this volume in the MIT Press Essential Knowledge series, Amaranth Borsuk considers the history of the book, the future of the book, and the idea of the book. Tracing the interrelationship of form and content in the book's development, she bridges book history, book arts, and electronic literature to expand our definition of an object we thought we knew intimately. Contrary to the many reports of its death (which has been blamed at various times on newspapers, television, and e-readers), the book is alive. Despite nostalgic paeans to the codex and its printed pages, Borsuk reminds us, the term “book” commonly refers to both

medium and content. And the medium has proved to be malleable. Rather than pinning our notion of the book to a single form, Borsuk argues, we should remember its long history of transformation. Considering the book as object, content, idea, and interface, she shows that the physical form of the book has always been the site of experimentation and play. Rather than creating a false dichotomy between print and digital media, we should appreciate their continuities.

Pre-Algebra Concepts-Richard W. Fisher 2008
Illustrated workbook for learning, practicing, and mastering pre-algebra mathematics.

Essentials of Interventional Cancer Pain Management-Amitabh Gulati 2018-12-28
This text provides a comprehensive review and expertise on various interventional cancer pain procedures. The first part of the text addresses the lack of consistency seen in the literature

regarding interventional treatment options for specific cancer pain syndromes. Initially, it discusses primary cancer and treatment-related cancer pain syndromes that physicians may encounter when managing cancer patients. The implementation of paradigms that can be used in treating specific groups of cancer such as breast cancer, follows. The remainder of the text delves into a more common approach to addressing interventional cancer pain medicine. After discussing interventional options that are commonly employed by physicians, the text investigates how surgeons may address some of the more severe pain syndromes, and covers the most important interventional available for our patients, intrathecal drug delivery. Chapters also cover radiologic options in targeted neurolysis and ablative techniques, specifically for bone metastasis, rehabilitation to address patients' quality of life and function, and integrative and psychological therapies. Essentials of Interventional Cancer Pain Management globally assesses and addresses patients' needs throughout the cancer journey. Written by

experts in the field, and packed with copious tables, figures, and flow charts, this book is a must-have for pain physicians, residents, and fellows.

Quantum Entanglement-Jed Brody 2020-02-18
An exploration of quantum entanglement and the ways in which it contradicts our everyday assumptions about the ultimate nature of reality. Quantum physics is notable for its brazen defiance of common sense. (Think of Schrödinger's Cat, famously both dead and alive.) An especially rigorous form of quantum contradiction occurs in experiments with entangled particles. Our common assumption is that objects have properties whether or not anyone is observing them, and the measurement of one can't affect the other. Quantum entanglement—called by Einstein “spooky action at a distance”—rejects this assumption, offering impeccable reasoning and irrefutable evidence of the opposite. Is quantum entanglement mystical, or just mystifying? In this volume in the MIT

Press Essential Knowledge series, Jed Brody equips readers to decide for themselves. He explains how our commonsense assumptions impose constraints—from which entangled particles break free. Brody explores such concepts as local realism, Bell's inequality, polarization, time dilation, and special relativity. He introduces readers to imaginary physicists Alice and Bob and their photon analyses; points out that it's easier to reject falsehood than establish the truth; and reports that some physicists explain entanglement by arguing that we live in a cross-section of a higher-dimensional reality. He examines a variety of viewpoints held by physicists, including quantum decoherence, Niels Bohr's Copenhagen interpretation, genuine fortuitousness, and QBism. This relatively recent interpretation, an abbreviation of “quantum Bayesianism,” holds that there's no such thing as an absolutely accurate, objective probability “out there,” that quantum mechanical probabilities are subjective judgments, and there's no “action at a distance,” spooky or otherwise.

The Mind-Body Problem-Jonathan Westphal
2016-09-30 Interaction, with Sensations as the
Example -- Interaction between Thought and
Action -- A Model for the Mind-Body Problem --
GLOSSARY -- NOTES -- BIBLIOGRAPHY --
FURTHER READINGS -- INDEX

Personality Traits and Drug Consumption-
Elaine Fehrman 2019-04-26 This book discusses
the psychological traits associated with drug
consumption through the statistical analysis of a
new database with information on 1885
respondents and use of 18 drugs. After reviewing
published works on the psychological profiles of
drug users and describing the data mining and
machine learning methods used, it demonstrates
that the personality traits (five factor model,
impulsivity, and sensation seeking) together with
simple demographic data make it possible to
predict the risk of consumption of individual
drugs with a sensitivity and specificity above
70% for most drugs. It also analyzes the

correlations of use of different substances and
describes the groups of drugs with correlated
use, identifying significant differences in
personality profiles for users of different drugs.
The book is intended for advanced
undergraduates and first-year PhD students, as
well as researchers and practitioners. Although
no previous knowledge of machine learning,
advanced data mining concepts or modern
psychology of personality is assumed, familiarity
with basic statistics and some experience in the
use of probabilities would be helpful. For a more
detailed introduction to statistical methods, the
book provides recommendations for
undergraduate textbooks.

**Treatment of Chronic Pain by Interventional
Approaches**-Timothy R. Deer 2014-12-08 From
reviews of Deer, eds., Comprehensive Treatment
of Chronic Pain by Medical, Interventional, and
Integrative Approaches: "Comprehensive
Treatment of Chronic Pain by Medical,
Interventional, and Integrative Approaches is a

major textbook... [I]t should be a part of all departmental libraries and in the reference collection of pain fellows and pain practitioners. In fact, this text could be to pain as Miller is to general anesthesia." Journal of Neurosurgical Anesthesiology Edited by master clinician-experts appointed by the American Academy of Pain Medicine, this is a soft cover version of the Interventional sections of the acclaimed Deer, eds., Comprehensive Treatment of Chronic Pain by Medical, Interventional, and Integrative Approaches. It is intended as a primary reference for busy clinicians who seek up-to-date and authoritative information about interventional approaches to treating chronic pain. State-of-the-art coverage of full range of techniques: neural blockades, neurolysis blocks, and neurostimulation Review of clinically relevant anatomy and physiology "Key Points" preview contents of each chapter

Principles in General Pharmacology-Ronald J. Tallarida 2012-12-06

Report on the Risk Assessment of Ketamine in the Framework of the Joint Action on New Synthetic Drugs-European Monitoring Centre for Drugs and Drug Addiction 2002 Report on the risk assessment of ketamine in the framework of the joint action on new synthetic drugs.

Innovation in Pharmacy: Advances and Perspectives. September 2018-Organizer Committee IPAP18 - Salamanca 2018-09-21 This book contains the summaries of the "Innovation in Pharmacy: Advances and Perspectives" that took place in Salamanca (Spain) in September 2018. The early science of chemistry and microbiology were the source of most drugs until the revolution of genetic engineering in the mid 1970s. Then biotechnology made available novel protein agents such as interferons, blood factors and monoclonal antibodies that have changed the modern pharmacy. Over the past year, a new pharmacy of oligonucleotides has emerged from

the science of gene expression such as RNA splicing and RNA interference. The ability to design therapeutic agents from genomic sequences will transform treatment for many diseases. The science that created this advance and its future promise will be discussed. Phillip Allen Sharp is an American geneticist and molecular biologist who co-discovered RNA splicing. He shared the 1993 Nobel Prize in Physiology or Medicine with Richard J. Roberts for "the discovery that genes in eukaryotes are not contiguous strings but contain introns, and that the splicing of messenger RNA to delete those introns can occur in different ways, yielding different proteins from the same DNA sequence. He works in Institute Professor Koch Institute for Integrative Cancer Research, Massachusetts Institute of Technology (MIT), Cambridge, MA, US. Este libro recoge los resúmenes de la «Innovation in Pharmacy: Advances and Perspectives» que tuvo lugar en Salamanca (España) en septiembre de 2018. La ciencia primitiva de la química y la microbiología fue la fuente de la mayoría de las drogas hasta la

revolución de la ingeniería genética a mediados de la década de 1970. Luego, la biotecnología puso a disposición agentes proteínicos novedosos como interferones, factores sanguíneos y anticuerpos monoclonales que han cambiado la farmacia moderna. Durante el año pasado, surgió una nueva farmacia de oligonucleótidos a partir de la ciencia de la expresión génica, como el empalme de ARN y la interferencia de ARN. La capacidad de diseñar agentes terapéuticos a partir de secuencias genómicas transformará el tratamiento de muchas enfermedades. La ciencia que creó este avance y su promesa futura será discutida. Phillip Allen Sharp es un genetista y biólogo molecular estadounidense que co-descubrió el empalme de ARN. Compartió el Premio Nobel de 1993 en Fisiología o Medicina con Richard J. Roberts por "el descubrimiento de que los genes en eucariotas no son cadenas contiguas, sino que contienen intrones, y que el empalme del ARN mensajero para eliminar esos intrones puede ocurrir de diferentes maneras, produciendo diferentes proteínas de la misma secuencia de ADN. Trabaja en el Instituto

Profesor Koch Institute for Integrative Cancer Research, Instituto Tecnológico de Massachusetts (MIT), Cambridge, MA, EE. UU.

Critical Thinking-Jonathan Haber 2020-04-07
How the concept of critical thinking emerged, how it has been defined, and how critical thinking skills can be taught. Critical thinking is regularly cited as an essential twenty-first century skill, the key to success in school and work. Given our propensity to believe fake news, draw incorrect conclusions, and make decisions based on emotion rather than reason, it might even be said that critical thinking is vital to the survival of a democratic society. But what, exactly, is critical thinking? In this volume in the MIT Press Essential Knowledge series, Jonathan Haber explains how the concept of critical thinking emerged, how it has been defined, and how critical thinking skills can be taught and assessed. Haber describes the term's origins in such disciplines as philosophy, psychology, and science. He examines the components of critical

thinking, including structured thinking, language skills, background knowledge, and information literacy, along with such necessary intellectual traits as intellectual humility, empathy, and open-mindedness. He discusses how research has defined critical thinking, how elements of critical thinking have been taught for centuries, and how educators can teach critical thinking skills now. Haber argues that the most important critical thinking issue today is that not enough people are doing enough of it. Fortunately, critical thinking can be taught, practiced, and evaluated. This book offers a guide for teachers, students, and aspiring critical thinkers everywhere, including advice for educational leaders and policy makers on how to make the teaching and learning of critical thinking an educational priority and practical reality.

Melatonin, Neuroprotective Agents and Antidepressant Therapy-Francisco López-Muñoz 2016-11-16 This work is a guidebook for clinicians who are involved in treating depressive

patients and also serves the research scientists who are working on the psychopharmacological mechanisms of antidepressant actions and psychopathological mechanisms underlying mood disorders. Mood disorders such as major depressive disorder (MDD), bipolar disorder (BPD) and seasonal affective disorder (SAD) are the most disabling disorders that are among the most expensive of all medical illnesses. The pathophysiology of mood disorders is very complex and involves many mechanisms like circadian rhythm disruption, sleep abnormalities, melatonin rhythm abnormalities and alterations in melatonin receptor mechanisms, abnormalities in monoaminergic neurotransmitter mechanisms, glutamatergic release mechanisms, hippocampal neurogenesis, and abnormal immune and cytokine release mechanisms. Many antidepressants that are in clinical use today including the recently introduced novel agents like agomelatine or other antidepressants cause clinical remission by resynchronizing disrupted circadian rhythms and melatonin receptor functions, enhancing monoaminergic

neurotransmission, promoting hippocampal neurogenesis, and regulating immune mechanisms. This book explains various etiological factors that are involved in the pathogenesis of mood disorders and the mechanisms of therapeutic actions of antidepressants including the recently introduced agomelatine and other antidepressants that exhibit rapid onset of action with greater efficacy and fewer side effects. .

Seminars in Clinical Psychopharmacology-

Peter M. Haddad 2020-03-31 This greatly expanded third edition provides a comprehensive overview of clinical psychopharmacology, incorporating the major advances in the field since the previous edition's publication. Renowned experts from psychiatry, pharmacy, and nursing have integrated basic science, psychopharmacology, and clinical practice throughout the book in order to provide a thorough basis for prescribing. It covers all key psychiatric drugs and disorders and includes the

latest data on efficacy, safety and tolerability. Adopting a pragmatic approach to drug nomenclature, both Neuroscience-based Nomenclature (NbN) and older generic terminology are included in the text reflecting that clinicians are likely to use both systems. Many chapters refer to current National Institute of Health and Care Excellence (NICE) guidelines, making this a crucial resource. Edited by leading authorities in the field, Professor Peter M. Haddad and Professor David J. Nutt, *Seminars in Clinical Psychopharmacology* emphasises evidence-based prescribing with the aim of achieving better clinical outcomes for patients.

The Next 500 Years-Christopher E. Mason 2021
"Driven by a vision of colonizing other planets, Mason reveals unique insights into how the human body is altered during long-duration spaceflight & how genetic engineering can protect cells in space"--

Avery's Neonatology-Mhairi G. MacDonald 2005 Revised and updated by a new editorial team, the Sixth Edition of this text will remain the leading reference on the clinical care of the newborn. It provides complete, authoritative information on the biology of the newborn and the pathophysiology and management of diseases during the neonatal period. This edition has five new chapters on the role of telemedicine in neonatology, the impact of labor and delivery on the fetus, fetal determinants of adult disease, breast feeding, and control of breathing and apnea. Also included is a full-color insert illustrating key signs and symptoms, selected imaging techniques, and dermatologic conditions.

Hidden Wonders-Etienne Guyon 2021-02-23
The hidden elegance in everyday objects and physical mechanisms, from crumpled paper to sandcastles. *Hidden Wonders* focuses on the objects that populate our everyday life--crumpled paper, woven fabric, a sand pile--but looks at

them with a physicist's eye, revealing a hidden elegance in mundane physical mechanisms. In six chapters--Builders, Creating Shapes, Building with Threads, From Sand to Glass, Matter in Motion, and Fractures--the authors present brief stories, set in locales ranging from the Eiffel Tower to a sandcastle, that illustrate the little wonders hidden in the ordinary. A simple experiment that readers can perform at home concludes each story. More than 200 illustrations bring the stories to life.

Annotation-Remi H. Kalir 2021 Annotation-the addition of a note to a text-is an everyday and social activity that provides information, shares commentary, sparks conversation, expresses power, and aids learning. It helps mediate the relationship between reading and writing. This volume in the MIT Press Essential Knowledge series offers an introduction to annotation and its literary, scholarly, civic, and everyday significance across historical and contemporary contexts. It approaches annotation as a genre-a

synthesis of reading, thinking, writing, and communication-and offer examples of annotation that range from medieval rubrication and early book culture to data labeling and online reviews. Series Overview- ACCESSIBLE, CONCISE, BEAUTIFULLY PRODUCED BOOKS ON TOPICS OF CURRENT INTEREST. Written by leading thinkers, this series delivers expert overviews of subjects that range from the cultural and the historical to the scientific and the technical. Synthesizing specialized subject matter for nonspecialists and engaging critical topics through fundamentals, each of these compact volumes offers readers a point of access to complex ideas.

An Experiential Approach to Psychopathology-Giovanni Stanghellini 2016-08-09 This book introduces the reader to a clear and consistent method for in-depth exploration of subjective psychopathological experiences with the aim of helping to restore the ability within psychiatry and clinical

psychology to draw qualitative distinctions between mental symptoms that are only apparently similar, thereby promoting a more precise characterization of experiential phenotypes. A wide range of mental disorders are considered in the book, each portrayed by a distinguished clinician. Each chapter begins with the description of a paradigmatic case study in order to introduce the reader directly to the patient's lived world. The first-person perspective of the patient is the principal focus of attention. The essential, defining features of each psychopathological phenomenon and the meaning that the patient attaches to it are carefully analyzed in order to "make sense" of the patient's apparently nonsensical experiences. In the second part of each chapter, the case study is discussed within the context of relevant literature and a detailed picture of the state of the art concerning the psychopathological understanding of the phenomenon at issue is provided. An Experiential Approach to Psychopathology, and the method it proposes, may be considered the result of convergence of

classic phenomenological psychopathological concepts and updated clinical insights into patients' lived experiences. It endorses three key principles: subjective phenomena are the quintessential feature of mental disorders; their qualitative study is mandatory; phenomenology has developed a rigorous method to grasp "what it is like" to be a person experiencing psychopathological phenomena. While the book is highly relevant for expert clinical phenomenologists, it is written in a way that will be readily understandable for trainees and young clinicians.

World Drug Report 2016-United Nations Office on Drugs and Crime 2016-06-23 The World Drug Report provides a comprehensive overview of recent developments in the world's illicit drug markets. Chapter one of the World Drug Report 2016 provides a global overview of the latest statistics, trends and developments with respect to opiates, cocaine, cannabis and synthetic drugs, ranging from production to trafficking as

well as consumption and the health consequences of drug use. Chapter two utilizes the Sustainable Development Goals framework to examine the interplay between the drugs phenomenon and the broader development context.

The Ego Tunnel-Thomas Metzinger 2010-05-21
We're used to thinking about the self as an independent entity, something that we either have or are. In *The Ego Tunnel*, philosopher Thomas Metzinger claims otherwise: No such thing as a self exists. The conscious self is the content of a model created by our brain - an internal image, but one we cannot experience as an image. Everything we experience is "a virtual self in a virtual reality." But if the self is not "real," why and how did it evolve? How does the brain construct it? Do we still have souls, free will, personal autonomy, or moral accountability? In a time when the science of cognition is becoming as controversial as evolution, *The Ego Tunnel* provides a stunningly original take on the

mystery of the mind.

Children's Palliative Care in Africa-Justin Amery 2009
Children's palliative care has developed rapidly as a discipline, as health care professionals recognise that the principles of adult palliative care may not always be applicable to children at the end of life. The unique needs of dying children are particularly evident across Africa, where the scale of the problem is overwhelming and the figures so enormous that they are barely comprehensible. Written by a group with wide experience of caring for dying children in Africa, this book provides practical, realistic guidance on improving access to, and delivery of, palliative care in this demanding setting. It looks at the themes common to palliative care - including communication, assessment, symptom management, psychosocial issues, ethical dilemmas, end of life care, and tips for the professional on compassion and conservation of energy - but always retains the focus on the

particular needs of the health care professional in Africa. Whilst containing some theory, the emphasis is on practical action throughout. It will provide health care professionals working in Africa, and other resource-poor settings, with the confidence, knowledge, and capacity to improve care for the terminally ill child in constrained and demanding environments.

AI Ethics-Mark Coeckelbergh 2020-04-07 An accessible synthesis of ethical issues raised by artificial intelligence that moves beyond hype and nightmare scenarios to address concrete questions. Artificial intelligence powers Google's search engine, enables Facebook to target advertising, and allows Alexa and Siri to do their jobs. AI is also behind self-driving cars, predictive policing, and autonomous weapons that can kill without human intervention. These and other AI applications raise complex ethical issues that are the subject of ongoing debate. This volume in the MIT Press Essential Knowledge series offers an accessible synthesis

of these issues. Written by a philosopher of technology, AI Ethics goes beyond the usual hype and nightmare scenarios to address concrete questions. Mark Coeckelbergh describes influential AI narratives, ranging from Frankenstein's monster to transhumanism and the technological singularity. He surveys relevant philosophical discussions: questions about the fundamental differences between humans and machines and debates over the moral status of AI. He explains the technology of AI, describing different approaches and focusing on machine learning and data science. He offers an overview of important ethical issues, including privacy concerns, responsibility and the delegation of decision making, transparency, and bias as it arises at all stages of data science processes. He also considers the future of work in an AI economy. Finally, he analyzes a range of policy proposals and discusses challenges for policymakers. He argues for ethical practices that embed values in design, translate democratic values into practices and include a vision of the good life and the good society.

Chronic Abdominal Pain-Leonardo Kapural 2014-12-03 Chronic Abdominal Pain is a comprehensive resource focused on the management of chronic abdominal pain. Chapters begin with an overview of pain generation, adaptive mechanisms and various diagnostic approaches. A complete range of novel, conservative, minimally invasive and surgical therapeutic options and their proper selection are then discussed along with evidence-based and practical clinical aspects of patient care. Authored by a team of world-renowned physicians and researchers, this definitive guide provides novel algorithms for contemporary treatment of chronic abdominal pain, giving pain medicine clinicians and practitioners the knowledge needed to assess and treat patients with abdominal pain.

High Weirdness-Erik Davis 2019-11-05 An exploration of the emergence of a new

psychedelic spirituality in the work of Philip K. Dick, Terence McKenna, and Robert Anton Wilson. A study of the spiritual provocations to be found in the work of Philip K. Dick, Terence McKenna, and Robert Anton Wilson, *High Weirdness* charts the emergence of a new psychedelic spirituality that arose from the American counterculture of the 1970s. These three authors changed the way millions of readers thought, dreamed, and experienced reality—but how did their writings reflect, as well as shape, the seismic cultural shifts taking place in America? In *High Weirdness*, Erik Davis—America's leading scholar of high strangeness—examines the published and unpublished writings of these vital, iconoclastic thinkers, as well as their own life-changing mystical experiences. Davis explores the complex lattice of the strange that flowed through America's West Coast at a time of radical technological, political, and social upheaval to present a new theory of the weird as a viable mode for a renewed engagement with reality.

Glaucoma-John C. Morrison 2003 The book features: key discussions of the pathophysiology of the disease, as well as the pharmacologic mechanisms of different drugs and their efficacy; valuable diagnostic decision diagrams that lead to quick and accurate decisions; and helpful pearls, pitfalls, and special considerations that offer guidance in specific situations and show how to avoid problems and complications.

Inflammation-Associated Depression: Evidence, Mechanisms and Implications-Robert Dantzer 2018-07-07 Inflammation has invaded the field of psychiatry. The finding that cytokines are elevated in various affective and psychotic disorders brings to the forefront the necessity of identifying the precise research domain criteria (RDoCs) that inflammation is responsible for. This task is certainly the most advanced in major depressive disorders. The reason is that a dearth of clinical and preclinical studies has demonstrated that inflammation can

cause symptoms of depression and conversely, cytokine antagonists can attenuate symptoms of depression in medical and psychiatric patients with chronic low grade inflammation. Important knowledge has been gained on the symptom dimensions that inflammation is driving and the mechanisms of action of cytokines in the brain, providing new targets for drug research and development. The aim of the book “Inflammation-Associated Depression” is to present this field of research and its implications in a didactic and comprehensive manner to basic and clinical scientists, psychiatrists, physicians, and students at the graduate level.

The Glaucoma Book-Paul N. Schacknow 2010-06-10 Complete evidence-based medical and surgical management of glaucoma for both the general ophthalmologist in practice and residents The only book that covers the new generation of glaucoma procedures including trabectome, trabecular bypass and canaloplasty, by the experts who developed them Includes the

latest laser treatments for glaucoma including micro diode and titanium sapphire trabeculoplasty as well as laser from an external approach The most comprehensive coverage of the optic nerve and the importance of nerve fiber layer hemorrhage Provides an integrated approach to neovascular glaucoma merging treatment to the retina, with the use of new anti-VEGF drugs, tubes, and shunts to achieve the best outcome Integrates clinical science with basic science to outline the next steps in glaucoma therapy

An Introduction to Applied Cognitive

Psychology-Anthony Esgate 2005 This book offers a student friendly review of recent research in the application of cognitive methods, theories and models to real-world scenarios.

Phenomenology-Chad Engelland 2020 "A short, reader-friendly introduction to perhaps the most influential philosophical school of the 20th century -- phenomenology"--