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KEY=OF - MARIELA LILIANNA

The Music of the Spheres Music, Science, and the Natural Order of the Universe Springer Science & Business Media "(James) relishes the sheer quirkiness of intellectual history, rescuing some of the battier beliefs of scientists and composers from the revisionism of textbook biographies and producing a graceful and entertaining account of matters seldom presented to the general reader."-THE NEW YORKER "A provocative, engaging reassessment of the Western musical tradition and its relation to science." -PUBLISHERS WEEKLY Unifying the Universe The Physics of Heaven and Earth CRC Press Unifying the Universe: The Physics of Heaven and Earth provides a solid background in basic physics. With a humanistic perspective, it shows how science is significant for more than its technological consequences. The book includes clear and well-planned links to the arts and philosophies of relevant historical periods to bring science and the humanities together. Reader's Guide to the History of Science Routledge The Reader's Guide to the History of Science looks at the literature of science in some 550 entries on individuals (Einstein), institutions and disciplines (Mathematics), general themes (Romantic Science) and central concepts (Paradigm and Fact). The history of science is construed widely to include the history of medicine and technology as is reflected in the range of disciplines from which the international team of 200 contributors are drawn. Resounding the Sublime Music in English and German Literature and Aesthetic Theory, 1670-1850 University of Pennsylvania Press What does the sublime sound like?

Miranda Stanyon traces competing varieties of the sublime, a crucial modern aesthetic category, as shaped by the antagonistic intimacies between music and language. In resounding the history of the sublime over the course of the long eighteenth century, she finds a phenomenon always already resonant. *Bad Vibrations The History of the Idea of Music as a Cause of Disease* Routledge Music has been used as a cure for disease since as far back as King David's lyre, but the notion that it might be a serious cause of mental and physical illness was rare until the late eighteenth century. At that time, physicians started to argue that excessive music, or the wrong kind of music, could over-stimulate a vulnerable nervous system, leading to illness, immorality and even death. Since then there have been successive waves of moral panics about supposed epidemics of musical nervousness, caused by everything from Wagner to jazz and rock 'n' roll. It was this medical and critical debate that provided the psychiatric rhetoric of "degenerate music" that was the rationale for the persecution of musicians in Nazi Germany and the Soviet Union. By the 1950s, the focus of medical anxiety about music shifted to the idea that "musical brainwashing" and "subliminal messages" could strain the nerves and lead to mind control, mental illness and suicide. More recently, the prevalence of sonic weapons and the use of music in torture in the so-called War on Terror have both made the subject of music that is bad for the health worryingly topical. This book outlines and explains the development of this idea of pathological music from the Enlightenment until the present day, providing an original contribution to the history of medicine, music and the body. *The Pythagorean Theorem A 4,000-Year History* Princeton University Press An exploration of one of the most celebrated and well-known theorems in mathematics By any measure, the Pythagorean theorem is the most famous statement in all of mathematics. In this book, Eli Maor reveals the full story of this ubiquitous geometric theorem. Although attributed to Pythagoras, the theorem was known to the Babylonians more than a thousand years earlier. Pythagoras may have been the first to prove it, but his proof—if indeed he had one—is lost to us. The theorem itself, however, is central to almost every branch of science, pure or applied. Maor brings to life many of the characters that played a role in its history, providing a fascinating backdrop to perhaps our oldest enduring mathematical legacy. *Theology, Music and Time* Cambridge University Press Demonstrates the unique and important role that music plays in theology. "Silence, Music, Silent Music " Routledge The contributions in this volume focus on the ways in which silence and music relate, contemplate each other and provide new avenues for addressing and gaining understanding of various realms of human endeavour. The book maps out this little-explored aspect of the sonic arena with the intention of defining the breadth of scope and to introduce interdisciplinary paths of exploration as a way forward for future discourse. Topics addressed include the idea of 'silent music' in the work of English philosopher Peter Sterry and Spanish Jesuit St John of the Cross; the apparently paradoxical contemplation of silence

through the medium of music by Messiaen and the relationship between silence and faith; the aesthetics of Susan Sontag applied to Cage's idea of silence; silence as a different means of understanding musical texture; ways of thinking about silences in music produced during therapy sessions as a form of communication; music and silence in film, including the idea that music can function as silence; and the function of silence in early chant. Perhaps the most all-pervasive theme of the book is that of silence and nothingness, music and spirituality: a theme that has appeared in writings on John Cage but not, in a broader sense, in scholarly writing. The book reveals that unexpected concepts and ways of thinking emerge from looking at sound in relation to its antithesis, encompassing not just Western art traditions, but the relationship between music, silence, the human psyche and sociological trends - ultimately, providing deeper understanding of the elemental places both music and silence hold within world philosophies and fundamental states of being. *Silence, Music, Silent Music* will appeal to those working in the fields of musicology, psychology of religion, gender studies, aesthetics and philosophy. *Time and the Warm Body A Musical Perspective on the Construction of Time* BRILL This study deals with time and with music, and the link between the two is the suggestion that music is a modeling of the way we construct time. Time—the now, duration, succession and order of succession; the past, the future—is seen as a resource for managing systemic disequilibrium and as the evolutionary elaboration of the now. *Engineering and Society: Working Towards Social Justice, Part III Windows on Society* Springer Nature Engineers work in an increasingly complex entanglement of ideas, people, cultures, technology, systems and environments. Today, decisions made by engineers often have serious implications for not only their clients but for society as a whole and the natural world. Such decisions may potentially influence cultures, ways of living, as well as alter ecosystems which are in delicate balance. In order to make appropriate decisions and to co-create ideas and innovations within and among the complex networks of communities which currently exist and are shaped by our decisions, we need to regain our place as professionals, to realise the significance of our work and to take responsibility in a much deeper sense. Engineers must develop the 'ability to respond' to emerging needs of all people, across all cultures. To do this requires insights and knowledge which are at present largely within the domain of the social and political sciences but which need to be shared with our students in ways which are meaningful and relevant to engineering. This book attempts to do just that. In Part 1 Baillie introduces ideas associated with the ways in which engineers relate to the communities in which they work. Drawing on scholarship from science and technology studies, globalisation and development studies, as well as work in science communication and dialogue, this introductory text sets the scene for an engineering community which engages with the public. In Part 2 Catalano frames the thinking processes necessary to create ethical and just decisions in engineering, to understand the implications of our current

decision making processes and think about ways in which we might adapt these to become more socially just in the future. In Part 3 Baillie and Catalano have provided case studies of everyday issues such as water, garbage and alarm clocks, to help us consider how we might see through the lenses of our new knowledge from Parts 1 and 2 and apply this to our everyday existence as engineers. Table of Contents: Introduction / Throwing Away Rubbish / Turning on the Tap / Awakened by an Alarm Clock / Driving the SUV / Travelling to Waikiki Beach Astronomy and Culture ABC-CLIO While astronomy is a burgeoning science, with tremendous increases in knowledge every year, it also has a tremendous past, one that has altered humanity's understanding of our place in the universe. The impact of astronomy on culture - whether through myths and stories, or through challenges to the intellectual status quo - is incalculable. This volume in the Greenwood Guides to the Universe series examines how human cultures, in all regions and time periods, have tried to make sense of the wonders of the universe. Astronomy and Culture shows students how people throughout time have struggled with the complexities apparent in the night sky, complexities that modern science has only just begun to understand. Bronze by Gold The Music of Joyce Routledge First Published in 1999. Routledge is an imprint of Taylor & Francis, an informa company. Pi (π) in Nature, Art, and Culture Geometry as a Hermeneutic Science BRILL In Pi (π) in Nature, Art, and Culture Marcel Danesi investigates the manifestations of π in science, nature, symbolism, and culture, arguing that these are intrinsically intertwined. Acoustic Jurisprudence Listening to the Trial of Simon Bikindi Oxford University Press 'Acoustic Jurisprudence' provides a detailed study of the trial of Simon Bikindi, who was convicted by the International Criminal Tribunal for Rwanda of inciting genocide with his songs. Using Bikindi as a case study, this book develops the many relations between law and sound, and the importance of sound in legal practice more widely. The Oxford Handbook of Music and the Body Oxford University Press, USA This handbook is currently in development, with individual articles publishing online in advance of print publication. At this time, we cannot add information about unpublished articles in this handbook, however the table of contents will continue to grow as additional articles pass through the review process and are added to the site. Please note that the online publication date for this handbook is the date that the first article in the title was published online. Music by the Numbers From Pythagoras to Schoenberg Princeton University Press How music has influenced mathematics, physics, and astronomy from ancient Greece to the twentieth century Music is filled with mathematical elements. The works of Bach are often said to possess a math-like logic, and Arnold Schoenberg, Iannis Xenakis, and Karlheinz Stockhausen wrote music explicitly based on mathematical principles. Yet Eli Maor argues that it is music that has had the greater influence on mathematics, not the other way around. Starting with Pythagoras, proceeding through Schoenberg, and bringing the story up to the present with contemporary string theory, Music by the Numbers tells a fascinating story of

composers, scientists, inventors, and eccentrics who have played a role in the age-old relationship between music, mathematics, and the physical sciences. Weaving compelling stories of historical episodes with Maor's personal reflections as a mathematician and lover of classical music, this book will delight anyone who loves math and music.

Sound Authorities Scientific and Musical Knowledge in Nineteenth-Century Britain University of Chicago Press "In **Sound Authorities**, Edward J. Gillin shows how experiences of music and sound played a crucial role in nineteenth-century scientific inquiry in Britain. Where other studies have focused on vision in Victorian England, Gillin focuses on hearing and aurality, making the claim that the development of the natural sciences in Britain in this era cannot be understood without attending to how the study of sound and music contributed to the fashioning of new scientific knowledge. Gillin's book is about how scientific practitioners attempted to fashion themselves as authorities on sonorous phenomena, coming into conflict with traditional musical elites as well as religious bodies. Gillin pays attention to not only musical sound but also the phenomenon of sound in non-musical contexts, specifically, the cacophony of British industrialization, and he analyzes the debates between figures from disparate fields over the proper account of musical experience. Gillin's story begins with the place of acoustics in early nineteenth-century London, examining scientific exhibitions, lectures, and spectacles, as well as workshops, laboratories, and showrooms. He goes on to explore how mathematicians mobilized sound in their understanding of natural laws and their vision of a harmonious order, as well as the convergence of aesthetic and scientific approaches to pitch standardization. In closing, Gillin delves into the era's religious and metaphysical debates over the place of music (and humanity) in nature, the relationship between music and the divine, and the tension between religious/spiritualist understandings of sound and scientific/materialist ones"--

The Alchemical Harry Potter Essays on Transfiguration in J.K. Rowling's Novels McFarland When Harry Potter first boards the Hogwarts Express, he journeys to a world which Rowling says has alchemy as its "internal logic." The **Philosopher's Stone**, known for its power to transform base metals into gold and to give immortality to its maker, is the subject of the conflict between Harry and Voldemort in the first book of the series. But alchemy is not about money or eternal life, it is much more about the transformations of desire, of power and of people--through love. Harry's equally remarkable and ordinary power to love leads to his desire to find but not use the **Philosopher's Stone** at the start of the series and his wish to end the destructive power of the **Elder Wand** at the end. This collection of essays on alchemical symbolism and transformations in Rowling's series demonstrates how Harry's work with magical objects, people, and creatures transfigure desire, power, and identity. As Harry's leaden existence on **Privet Drive** is transformed in the company of his friends and teachers, the **Harry Potter** novels have transformed millions of readers, inspiring us to find the gold in our ordinary lives.

Science Fact and Science Fiction An Encyclopedia

Taylor & Francis Publisher description The Notion of Turning in Metaphysical Poetry LIT Verlag Münster In "Metaphysical Poetry", there is an emphasis on religious experience, which often touches on diverse kinds of turning. Among them are religious conversion (a turn to God), spatial movement (turning in space), divine transformation (turning from one kind into another), musical tuning (turning as a requisite for harmony) and circular turning. Moreover, there is a strong link between turning and its realisation through the language of the poems. Focusing on John Donne and George Herbert, this study explores various aspects of turning, as well as their interrelation. Dissertation. (Series: Religion and Literature / Religion und Literatur, Vol. 7) [Subject: Poetry] Music, Cosmology, and the Politics of Harmony in Early China State University of New York Press Explores the religious, political, and cultural significance attributed to music in early China. In early China, conceptions of music became important culturally and politically. This fascinating book examines a wide range of texts and discourse on music during this period (ca. 500-100 BCE) in light of the rise of religious, protoscientific beliefs on the intrinsic harmony of the cosmos. By tracking how music began to take on cosmic and religious significance, Erica Fox Brindley shows how music was used as a tool for such enterprises as state unification and cultural imperialism. She also outlines how musical discourse accompanied the growth of an explicit psychology of the emotions, served as a fundamental medium for spiritual attunement with the cosmos, and was thought to have utility and potency in medicine. While discussions of music in state ritual or as an aesthetic and cultural practice abound, this book is unique in linking music to religious belief and demonstrating its convergences with key religious, political, and intellectual transformations in early China. Erica Fox Brindley is Associate Professor of History, Asian Studies, and Religious Studies at the Pennsylvania State University. She is the author of Individualism in Early China: Human Agency and the Self in Thought and Politics. The Sacred in Music Westminster John Knox Press Religion and music are complementary resources for interpreting our lives. Music serves the sacred in ways that can be specified and articulated, yet the connection between them has been sorely neglected in the scholarly study of religion. In The Sacred in Music, Albert Blackwell brings the two subjects together in a celebration of the rich Western musical tradition, both classical and Christian. Fundamentals of Complementary, Alternative, and Integrative Medicine - E-Book Elsevier Health Sciences Get a solid, global foundation of the therapies and evidence-based clinical applications of CAI. Fundamentals of Complementary, Alternative, and Integrative Medicine, 6th Edition is filled with the most up-to-date information on scientific theory and research of holistic medicine from experts around the world. The 6th edition of this acclaimed text includes all new content on quantum biology and biofields in health and nursing, integrative mental health care, and homeopathic medicine. Its wide range of topics explores therapies most commonly seen in the U.S., such as energy medicine, mind-body therapies, and

reflexology along with traditional medicine and practices from around the world. With detailed coverage of historic and contemporary applications, this text is a solid resource for all practitioners in the medical, health, and science fields! Coverage of CAI therapies and systems includes those most commonly encountered or growing in popularity, so you can carefully evaluate each treatment. An evidence-based approach focuses on treatments best supported by clinical trials and scientific evidence. Observations from mechanisms of action to evidence of clinical efficacy answers questions of how, why, and when CAM therapies work. A unique synthesis of information, including historical usage, cultural and social analysis, current basic science theory and research, and a wide range of clinical investigations and observations, makes this text a focused, authoritative resource. Global coverage includes discussions of traditional healing arts from Europe, Asia, Africa, and the Americas. Clinical guides for selecting therapies, and new advances for matching the appropriate therapy to the individual patient, enables you to offer and/or recommend individualized patient care. Expert contributors include well-known writers such as Kevin Ergil, Patch Adams, Joseph Pizzorno, and Marc Micozzi. A unique history of CAI traces CAM therapies from their beginnings to present day practices. Suggested readings and references on the companion website list the best resources for further research and study. NEW! Added chapters offer fresh perspective on quantum biology and biofields in health and nursing, integrative mental health care, and homeopathic medicine. NEW! Updated chapters feature new content and topics, including: challenges in integrative medicine, legal issues, CAI in the community, psychometric evaluation, placebo effect, stress management, and much more! NEW! Updated guides on common herbal remedies in clinical practice, East and Southeast Asia, and native North and South America deliver the latest information. NEW! Basic science content and new theory and research studies cover a wide range of sciences such as biophysics, biology and ecology, ethnomedicine, psychometrics, neurosciences, and systems theory. NEW! Expanded global ethnomedical systems includes new content on Shamanism and Neo-Shamanism, Central and North Asia, Southeast Asia, Nepal and Tibet, Hawaii and South Pacific, Alaska and Pacific Northwest, and contemporary global healthcare. *Spiritual Information 100 Perspectives on Science and Religion* Templeton Foundation Press *Spiritual Information* is a collection of one hundred essays that explore a portion of the vast interdisciplinary approaches to the study of science and religion. Individually and together, the essays show how the study of ourselves, our planet, and the universe helps us understand our place as spiritual beings within God's universe. The book is a tribute to Sir John Templeton and his pioneering commitment toward new research that results in "one hundredfold more spiritual information than humankind has ever possessed before." It begins with essays that reflect on Sir John's principal domains of interest and expertise: free-enterprise based finance and accelerating spiritual progress. Themes of the sections are: •Science-Religion Dialogue •Cosmology, Physics, and

Astronomy • Mathematics, Musicology, and Speculation • Biological Evolution—the Human Being • Social Evolution—the Human Mind and Heart • Religion and Health • The Nature of the Divine • Theology and Philosophy • Faith Traditions “Sir John’s leadership has enabled us to edge ever closer to the frontier where knowledge meets wisdom at the threshold of ‘ultimate reality,’” notes the editor in the preface to this volume. As *Spiritual Information* presents an overview of how far we have come in the science and religion dialogue, it also opens windows to the vast possibilities for additional research and further advances in spiritual information. *Edward Burne-Jones on Nature Physical and Metaphysical Realms* Cambridge Scholars Publishing This volume studies some of Edward Burne-Jones’s paintings, focusing specifically on his approach to nature, both through his observations about the real, physical world and through his symbolic interpretations of earthly and celestial realms. Burne-Jones’s appreciation for natural formations grew from his interests in astronomy and geography, and was expanded by his aesthetic sensibility for physical and metaphysical beauty. His drawings and watercolors carefully recorded the physical world he saw around him. These studies provided the background for a collection of paintings about landscapes with flora and fauna, and ignited an artistic furor that inspired the imagery he used in his allegorical, fantasy, and dream cycles about forests, winding paths, and sweet briar roses. This study focuses on two main ideas: Burne-Jones’s concept of ideal and artificial or magical nature expressed and represented in his drawings and paintings, and the way in which he fused his scientific knowledge about nature with some of the symbolism in his paintings. *Music and Irish Identity Celtic Tiger Blues* Taylor & Francis Music and Irish Identity represents the latest stage in a life-long project for Gerry Smyth, focusing here on the ways in which music engages with particular aspects of Irish identity. The nature of popular music and the Irish identity it supposedly articulates have both undergone profound change in recent years: the first as a result of technological and wider industrial changes in the organisation and dissemination of music as seen, for example, with digital platforms such as YouTube, Spotify and iTunes. A second factor has been Ireland’s spectacular fall from economic grace after the demise of the “Celtic Tiger”, and the ensuing crisis of national identity. Smyth argues that if, as the stereotypical association would have it, the Irish have always been a musical race, then that association needs re-examination in the light of developments in relation to both cultural practice and political identity. This book contributes to that process through a series of related case studies that are both scholarly and accessible. Some of the principal ideas broached in the text include the (re-)establishment of music as a key object of Irish cultural studies; the theoretical limitations of traditional musicology; the development of new methodologies specifically designed to address the demands of Irish music in all its aspects; and the impact of economic austerity on musical negotiations of Irish identity. The book will be of seminal importance to all those interested in popular music, cultural studies and the

wider fate of Ireland in the twenty-first century. **Resonant Witness Conversations Between Music and Theology** Wm. B. Eerdmans Publishing **Resonant Witness** gathers together a wide, harmonious chorus of voices from across the musical and theological spectrum to show that music and theology can each learn much from the other and that the majesty and power of both are profoundly amplified when they do. With essays touching on J. S. Bach, Hildegard of Bingen, Martin Luther, Karl Barth, Olivier Messiaen, jazz improvisation, South African freedom songs, and more, this volume encourages musicians and theologians to pursue a more fruitful and sustained engagement with one another. What can theology do for music? **Resonant Witness** helps answer this question with an essential resource in the burgeoning interdisciplinary field of music and theology. Covering an impressively wide range of musical topics, from cosmos to culture and theology to worship, Jeremy Begbie and Steven Guthrie explore and map new territory with incisive contributions from the very best musicians, theologians, and philosophers. **Bennett Zon Durham University** This volume represents a burst of cross-disciplinary energy and insight that can be celebrated by musicians and theologians, music-lovers and God-lovers alike. **John D. Witvliet (from afterword) Astronomy and Civilization in the New Enlightenment Passions of the Skies** Springer Science & Business Media This volume represents the first which interfaces with astronomy as the fulcrum of the sciences. It gives full expression to the human passion for the skies. Advancing human civilization has unfolded and matured this passion into the comprehensive science of astronomy. Advancing science's quest for the first principles of existence meets the onto-poietic generative logos of life, the focal point of the New Enlightenment. It presents numerous perspectives illustrating how the interplay between human beings and the celestial realm has informed civilizational trends. Scholars and philosophers debate in physics and biology, the findings of which are opening a more inclusive, wider picture of the universe. The different models of the universal order and of life here presented, all aiming at the first principles of existence—accord with the phenomenology/onto-poiesis of life within the logos-prompted primogenital stream of becoming and action, which points to a future of progressing culture. **A Companion to Boethius in the Middle Ages** BRILL The articles in this volume focus upon Boethius's extant works: his *De arithmetica* and a fragmentary *De musica*, his translations and commentaries on logic, his five theological texts, and, of course, his *Consolation of Philosophy*. They examine the effects that Boethian thought has exercised upon the learning of later generations of scholars. **Thresholds: Rethinking Spirituality Through Music** Routledge In **Thresholds** Marcel Cobussen rethinks the relationship between music and spirituality. The point of departure is the current movement within contemporary classical music known as **New Spiritual Music**, with as its main representatives Arvo P John Tavener, and Giya Kancheli. In almost all respects, the musical principles of the new spiritual music seem to be diametrically opposed to those of modernism: repetition and

rest versus development and progress, tradition and familiarity versus innovation and experiment, communication versus individualism and conceptualism, tonality versus atonality, and so on. As such, this movement is often considered as part of the much larger complex called postmodernism. Joining in with ideas on spirituality as presented by Michel de Certeau and Mark C. Taylor, Cobussen deconstructs the classification of the 'spiritual dimensions' of music as described above. Thresholds presents an idea of spirituality in and through music that counters strategies of exclusion and mastering of alterity and connects it to wandering, erring, and roving. Using the philosophy of Martin Heidegger, Georges Bataille, Jean-Fran's Lyotard, Jacques Derrida and others, and analysing the music of John Coltrane, the mythical Sirens, Arvo P and The Eagles (to mention a few), Cobussen regards spirituality as a (non)concept that escapes categorization, classification, and linguistic descriptions. Spirituality is a-topological, non-discursive and a manifestation of 'otherness'. And it is precisely music (or better: listening to music) that induces these thoughts: by carefully encountering, analysing, and evaluating certain examples from classical, jazz, pop and world music it is possible to detach spirituality from concepts of otherworldliness and transcendentalism. Thresholds opens a space in which spirituality can be connected to music that is not commonly considered in this light, thereby enriching the ways of approaching and discussing music. In orde Engineering and Society Working Towards Social Justice Morgan & Claypool Publishers Engineers work in an increasingly complex entanglement of ideas, people, cultures, technology, systems and environments. Today, decisions made by engineers often have serious implications for not only their clients but for society as a whole and the natural world. Such decisions may potentially influence cultures, ways of living, as well as alter ecosystems which are in delicate balance. In order to make appropriate decisions and to co-create ideas and innovations within and among the complex networks of communities which currently exist and are be shaped by our decisions, we need to regain ou. Climate Change and Cultural Transition in Europe BRILL Climate Change and Cultural Transition in Europe is an account of Europe's share in the making of global warming, which considers the past and future of climate-society interactions. Resounding Truth Christian Wisdom in the World of Music Baker Academic A world-renowned scholar and musician helps Christians respond with theological discernment to music. Song and Significance Virtues and Vices of Vocal Translation Rodopi Includes translation studies on music, word and music studies. The Great American Songbooks Musical Texts, Modernism, and the Value of Popular Culture Oxford University Press The Great American Songbooks shows how popular music shapes and permeates a host of modernism's hallmark texts. Austin Graham begins his study of 20th-century texts with a discussion of American popular music and literature in the 19th century. He posits Walt Whitman as a proto-modernist who drew on his love of opera to create the epic free-verse poetry that would heavily influence his bardic successors. One can witness this in T.

S. Eliot, whose poem *The Waste Land* relies on Whitman's verse style to emphasize how 19th-century structures of feeling regarding music persist into the 20th century. From opera and standards of the Victorian musical hall, Graham moves to the blues to reveal the multifaceted ways it shaped works in the Harlem Renaissance, most notably in the verse of Langston Hughes and Jean Toomer's stream-of-consciousness masterpiece, *Cane*. The second half of *Songbooks* advances an argument for a musical eclecticism that arose alongside rapid industrialization. Writers like Scott Fitzgerald and John Dos Passos, Graham argues, developed a notion of musical eclecticism to help them process—or cope—with the unprecedented invasiveness of popular music, particularly in major cities. This eclecticism runs counter to critics like Adorno who equate popular music with mass produced mechanisms such as the phonograph and radio, and thus with degraded, cultural forms. In conclusion, Graham suggests how modernist writers experienced, and sometimes theorized, a more nuanced, sophisticated, and fluid mode of interaction with popular music. *The Five Senses in Nabokov's Works* Springer Nature This collection of essays focuses on a subject largely neglected in Nabokovian criticism—the importance and significance of the five senses in Vladimir Nabokov's work, poetics, politics and aesthetics. This text analyzes the crucial role of the author's synesthesia and multilingualism in relation to the five senses, as well as the sensual and erotic dimensions of sensoriality in his works. Each chapter provides a highly focused and sometimes provocative approach to the unique role that sensory perceptions play in the shaping and narrating of Nabokov's memories and in his creative process. *Handling Dissonance A Musical Theological Aesthetic of Unity* Wipf and Stock Publishers Music can answer questions that often confound more discursive modes of thought. Music takes concepts that are all too familiar, reframes these concepts, and returns them to us with incisive clarity and renewed vision. Unity is one of these "all too familiar concepts," thrown around by politicians, journalists, and pastors as if we all know what it means. By turning to music, especially musical space, the relational structure of unity becomes less abstract and more tangible within our philosophy. Arnold Schoenberg, as an inherently musical thinker, is our guide in this study of unity. His reworking of musical structure, dissonance, and metaphysics transformed the tonal language and aesthetic landscape of twentieth-century music. His philosophy of compositional unity helps us to deconstruct and reconceive how unity can be understood and worked with both aesthetically and theologically. This project also critiques Schoenberg's often monadic musical metaphysic by turning to Colin Gunton's conviction that the particularity and unity at the heart of God's triune being should guide all of our theological endeavors. Throughout, music accompanies our thinking, demonstrating not only how theology can benefit the philosophy of music but also how the philosophy of music can enrich and augment theological discourse. *Visions of Amen The Early Life and Music of Olivier Messiaen* Wm. B. Eerdmans Publishing French composer Olivier Messiaen (1908 1992) is probably best known

for his Quartet for the End of Time, premiered in a German prisoner-of-war camp in 1941. However, Messiaen was a remarkably complex, intelligent person with a sometimes tragic domestic life who composed a wide range of music. This book explores the enormous web of influences in the early part of Messiaen's long life. The first section of the book provides an intellectual biography of Messiaen's early life in order to make his (difficult) music more accessible to the general listener. The second section offers an analysis of and thematic commentaries on Messiaen's pivotal work for two pianos, *Visions of Amen*, composed in 1943. Schloesser's analysis includes timing indications corresponding to a downloadable performance of the work by accomplished pianists Stéphane Lemelin and Hyesook Kim. *Music and Solidarity: Questions of Universality, Consciousness, and Connection* Routledge The philosopher Christopher Small suggests that musical meanings are concerned with relationships, both with other human beings and with the world, and that music functions as a means of exploration, affirmation, and celebration of those relationships. If members of different social groups have different values, or different concepts of ideal relationships, then the kinds of performances that enact those relationships will differ from one another. Using music to express benevolent intentions is not, in general, one of its most obvious functions. In fact, military music has been used throughout history to destroy cross-cultural communion. Music is also a powerful and ubiquitous tool in propaganda, and in facilitating various political projects in all kinds of inventive ways that have nothing much to do with the pursuit of peaceful and cooperative intercultural understanding, or with helping people address issues of injustice. This text moves far beyond the knowledge of music's power upon humans, however this may be conceived and explained. It addresses a field of inquiry that is still a tiny endeavor, at least in comparison with all other academic efforts in the world. The sparseness of serious theoretical engagement with the topic of music's potential role in the area of peace and policy is echoed by how little music is directly used in the "real world" for building a more humane consciousness. Finding ways to that goal is the purpose of this work. *Olivier Messiaen's System of Signs: Notes Towards Understanding His Music* Routledge Andrew Shenton's groundbreaking cross-disciplinary approach to Messiaen's music presents a systematic and detailed examination of the compositional techniques of one of the most significant musicians of the twentieth century as they relate to his desire to express profound truths about Catholicism. It is widely accepted that music can have mystical and transformative powers, but because 'pure' music has no programme, Messiaen sought to refine his compositions to speak more clearly about the truths of the Catholic faith by developing a sophisticated semiotic system in which aspects of music become direct signs for words and concepts. Using interdisciplinary methodologies drawing on linguistics, cognition studies, theological studies and semiotics, Shenton traces the development of Messiaen's sign system using examples from many of Messiaen's works and concentrating in particular on the *Mtations sur le myst de*

la Sainte Trinité organ, a suite which contains the most sophisticated and developed use of a sign system and represents a profound exegesis of Messiaen's understanding of the Catholic trine God. By working on issues of interpretation, Shenton endeavours to bridge the traditional gap between scholars and performers and to help people listen to Messiaen's music with spirit and understanding.