# Improvising Mind



Cognition and Creativity in the Musical Moment

Aaron L. Berkowitz

OXFORD

# The Improvising Mind Cognition And Creativity In The Musical Moment

Raymond MacDonald, Tia DeNora, Maria Sappho, Robert Burke, Ross Birrell

#### The Improvising Mind Cognition And Creativity In The Musical Moment:

The Improvising Mind Aaron Berkowitz, 2010-06-17 The ability to improvise represents one of the highest levels of musical achievement Yet what musical knowledge is 3equired for improvisation How does a musician learn to improvise What are the neural correlates of improvised performance These are some of the questions explored in this unique and The Improvising Mind Aaron Berkowitz, 2010 Tackling a topic that has hitherto received little fascinating new book attention the Improvising Mind is a valuable addition to the literature in music cognition. This book will be of interest to musicologists music theorists cognitive neuroscientists and psychologists musicians music educators and anyone with an The Oxford Handbook of Critical Improvisation Studies George Lewis, Benjamin interest in creativity R sum de l diteur Piekut, 2016 V 1 Cognitions v 2 Critical theories Creating the Revolutionary Artist Mark Rabideau, 2018-06-08 As traditional music career paths become increasingly scarce 21st century musicians must reach out to new and diverse audiences to ensure career success and sustainability Many universities and conservatories now offer entrepreneurship courses for their students but musicians already in the working world must also learn to build relationships with their communities jumpstart and fund new initiatives engage new audiences and ultimately create successful and meaningful careers Creating the Revolutionary Artist challenges performers to build increased audiences through creative action and community involvement Mark Rabideau helps jumpstart the careers of musicians and artists in all styles and at all levels as it lays out business and project management acumen within a talent driven spirit of civic mindfulness Drawing together the real world wisdom of world class musicians and educators the book includes strength identification and idea creation exercises inspiring case studies and a toolkit of how to guides to lead the reader through a successful community based project and on to a rewarding career in the arts To access various templates included in the book please visit https textbooks The Oxford Handbook of Critical Improvisation Studies, Volume 2 George E. Lewis, Benjamin rowman com rabideau Piekut, 2016-08-22 Improvisation informs a vast array of human activity from creative practices in art dance music and literature to everyday conversation and the relationships to natural and built environments that surround and sustain us The two volumes of the Oxford Handbook of Critical Improvisation Studies gather scholarship on improvisation from an immense range of perspectives with contributions from more than sixty scholars working in architecture anthropology art history computer science cognitive science cultural studies dance economics education ethnomusicology film gender studies history linguistics literary theory musicology neuroscience new media organizational science performance studies philosophy popular music studies psychology science and technology studies sociology and sound art among others Musical Imaginations David Hargreaves, Dorothy Miell, Raymond MacDonald, 2012 Musical imagination and creativity are amongst the most abstract and complex aspects of musical behaviour though until recently they have been difficult to subject to empirical enquiry However music psychology and some allied disciplines have now developed both theoretically and methodologically

to the point where some of these topics are now firmly within our grasp The study of creativity and imagination is growing rapidly in disciplines including psychology sociology neuroscience and education The inter and multidisciplinary study of music and developments in music psychology in particular mean that studies of musical imagination and creativity in action are now distinctly possible Musical Imaginations is a wide ranging multidisciplinary review of the latest theory and research on musical creativity performance and perception by some of the most eminent scholars in their respective disciplines The topics addressed in this book include the investigation of creativity and imagination in music and emotion composition and improvisation performance and performance traditions listening strategies different musical genres and cultural belief systems social collaboration identity formation and the development of psychologically based strategies and interventions for the enhancement of performing musicians With creativity now a topic of significant interest this book will be valuable to all those in the fields of psychology sociology neuroscience education as well as to musicians themselves dealing with practical as well as theoretical issues in music therapy performance and education The study of creativity and imagination is growing rapidly in disciplines including psychology sociology neuroscience and education The inter and multidisciplinary study of music and developments in music psychology in particular mean that studies of musical imagination and creativity in action are now distinctly possible This book undertakes a multidisciplinary review of these developments It contains a wide range of contributions by some of the most eminent scholars in their respective disciplines representing a comprehensive account of the state of the art of theory and research on musical creativity performance and perception Embodiment of Musical Creativity Zvonimir Nagy, 2016-11-03 Embodiment of Musical Creativity offers an innovative look at the interdisciplinary nature of creativity in musical composition Using examples from empirical and theoretical research in creativity studies music theory and cognition psychology and philosophy performance and education studies and the author's own creative practice the book examines how the reciprocity of cognition and performativity contributes to our understanding of musical creativity in composition From the composer's perspective the book investigates the psychological attributes of creative cognition whose associations become the foundation for an understanding of embodied creativity in musical composition The book defines the embodiment of musical creativity as a cognitive and performative causality a relationship between the cause and effect of our experience when composing music Considering the theoretical practical contextual and pedagogical implications of embodied creative experience the book redefines aspects of musical composition to reflect the changing ways that musical creativity is understood and evaluated Embodiment of Musical Creativity provides a comparative study of musical composition in turn articulating a new perspective on musical creativity The Oxford Handbook of Music **Psychology** Susan Hallam, Ian Cross, Michael Thaut, 2016 This edition updates the original landmark text and provides a comprehensive review of the latest developments in this fast growing area of research Covering both experimental and theoretical perspectives each of the 11 sections is edited by an internationally recognised authority in the area Jacket The

Art of Becoming Raymond A. R. MacDonald, Graeme B. Wilson, 2020 At a time of unprecedented interest in improvisation across the arts The Art of Becoming boldly asserts that everyone can and should improvise Drawing on emerging psychological literature as well as their own research with musicians authors Raymond MacDonald and Graeme Wilson both music psychologists and renowned performers in their own right propose new ideas on what defines improvisation in music MacDonald and Wilson explore the cognitive processes involved the role of specialist skills or knowledge in improvised interaction and the nature of understanding between improvisers Their investigation lays out how we develop as improvisers alongside health benefits derived from music participation. The Art of Becoming is a vital resource for courses on improvisation in contemporary practice and for those applying musical improvisation in community and therapeutic contexts setting out a framework based on psychological findings for understanding improvisation as a universal capability and an essentially social behavior With suggestions for approaching this practice in new ways at any level it demonstrates how improvisation transcends musical genres and facilitates collaboration between practitioners from disciplines across the artistic spectrum Putting forward important implications for contemporary artistic practices pedagogy music therapy and the psychology of social behavior The Art of Becoming provides fresh and provocative insights for anyone interested in playing studying teaching or listening to improvised music The Oxford Handbook of Critical Improvisation Studies, Volume 1 George E. Lewis, Benjamin Piekut, 2016-08-22 Improvisation informs a vast array of human activity from creative practices in art dance music and literature to everyday conversation and the relationships to natural and built environments that surround and sustain us The two volumes of the Oxford Handbook of Critical Improvisation Studies gather scholarship on improvisation from an immense range of perspectives with contributions from more than sixty scholars working in architecture anthropology art history computer science cognitive science cultural studies dance economics education ethnomusicology film gender studies history linguistics literary theory musicology neuroscience new media organizational science performance studies philosophy popular music studies psychology science and technology studies sociology and sound art among others Making It Up Together Leslie A. Tilley, 2020-04-03 Most studies of musical improvisation focus on individual musicians But that is not the whole story From jazz to flamenco Shona mbira to Javanese gamelan improvised practices thrive on group creativity relying on the close interaction of multiple simultaneously improvising performers In Making It Up Together Leslie A Tilley explores the practice of collective musical improvisation cross culturally making a case for placing collectivity at the center of improvisation discourse and advocating ethnographically informed music analysis as a powerful tool for investigating improvisational processes Through two contrasting Balinese case studies of the reyong gong chime's melodic norot practice and the interlocking drumming tradition kendang arja Tilley proposes and tests analytical frameworks for examining collectively improvised performance At the micro level Tilley's analyses offer insight into the note by note decisions of improvising performers at the macro level they illuminate larger musical discursive structural and

cultural factors shaping those decisions. This multi tiered inquiry reveals that unpacking how performers play and imagine as a collective is crucial to understanding improvisation and demonstrates how music analysis can elucidate these complex musical and interactional relationships Highlighting connections with diverse genres from various music cultures Tilley s examinations of collective improvisation also suggest rich potential for cross genre exploration. The surrounding discussions point to larger theories of communication and interaction creativity and cognition that will be of interest to a range of readers from ethnomusicologists and music theorists to cognitive psychologists jazz studies scholars and improvising performers Setting new parameters for the study of improvisation Making It Up Together opens up fresh possibilities for understanding the creative process in music and beyond The Palgrave Handbook of Autoethnographic and Self-Study Education Research Methods Deborah L. Mulligan, Meg Forbes, Emilio A. Anteliz, Patrick Alan Danaher, 2025-07-21 This edited handbook focuses on the methodological design of autoethnography and self study Contributions delve into the diverse usage of these novel methodologies providing the reader with a range of applications and researchers are presented with a full discussion of the challenges and the successes of the contributors experiences Beginning with the important developments in contemporary philosophy and theory in autoethnography and self study the book goes on to examine critiques and misunderstanding surrounding these methods how researchers can engage effectively and ethically with them their impact on researcher identity and how researchers design the methodology involved in their autoethnographic and self study writings Drawing on research conducted in the United Kingdom the United States Canada Continental Europe Asia Africa and Australia the book will appeal to academics and researchers applying or researching autoethnography and or self study as well as students deploying these approaches in their work and counsellors psychologists and social workers who use self narrative techniques with their clients Rhythm, Play and Interaction Design Brigid M. Costello, 2018-04-03 There are rhythms of action and response to all human computer interactions As we click swipe tap and sway to their beats these rhythms intersect with the rhythms of our everyday lives Perhaps they synchronize perhaps they disrupt each other or maybe they dance together Whatever their impact our experience of these rhythms will colour our experience of an interaction design In playful interactive applications rhythm is especially crucial because of the role it performs in building and maintaining the precarious spirit of play Play involves movement and this movement has a rhythm that drives the experience But what is the character of these rhythms of play and how can they be used in the design of interactive applications These questions are the focus of this book Drawing on traditions of rhythmic design practice in dance performance music and architecture this book reveals key insights into practical strategies for designing playful rhythmic experience With playful experiences now being incorporated into almost every type of computer application interaction design practitioners and researchers need to develop a deeper understanding of the specific character of rhythms within play Written from a designer s perspective with interviews from leading creative artists and interaction design practitioners Rhythm Play and Interaction

Design will help practitioners researchers and students understand evaluate and create rhythmic experiences

*Improvisation and Emergency Management* Stefania Ravazzi,2024-07-22 This book examines the role of improvisation in emergency response policies Focusing on the Covid 19 pandemic in Italy it demonstrates how improvisation can play a positive and productive role in emergency management As well as offering one of the first systematic studies of policy responses to the pandemic in Italy which was affected more than any other European country during the first wave of infection it also throws light on the emotional cognitive and behavioural strategies of the actors involved in emergency responses These findings have important implications for emergency management around the world including crises such as natural disasters energy blackouts and nuclear accidents The book will appeal to all those interested in public policy public administration emergency management and behavioural science **Studies in Historical Improvisation** Massimiliano Guido, 2017-01-06 In recent years scholars and musicians have become increasingly interested in the revival of musical improvisation as it was known in the Renaissance and Baroque periods This historically informed practice is now supplanting the late Romantic view of improvised music as a rhapsodic endeavour a musical blossoming out of the capricious genius of the player that dominated throughout the twentieth century In the Renaissance and Baroque eras composing in the mind alla mente had an important didactic function For several categories of musicians the teaching of counterpoint happened almost entirely through practice on their own instruments This volume offers the first systematic exploration of the close relationship among improvisation music theory and practical musicianship from late Renaissance into the Baroque era It is not a historical survey per se but rather aims to re establish the importance of such a combination as a pedagogical tool for a better understanding of the musical idioms of these periods The authors are concerned with the transferral of historical practices to the modern classroom discussing new ways of revitalising the study and appreciation of early music The relevance and utility of such an improvisation based approach also changes our understanding of the balance between theoretical and practical sources in the primary literature as well as the concept of music theory itself Alongside a word centred theoretical tradition in which rules are described in verbiage and enriched by musical examples we are rediscovering the importance of a music centred tradition especially in Spain and Italy where the music stands alone and the learner must distil the rules by learning and playing the music Throughout its various sections the volume explores the path of improvisation from theory to practice and back again **Expanding the Space for Improvisation Pedagogy in Music** Guro Gravem Johansen, Kari Holdhus, Christina Larsson, Una MacGlone, 2019-05-31 Expanding the Space for Improvisation Pedagogy in Music is a critical research based anthology exploring improvisation in music pedagogy The book broadens the understanding of the potentials and possibilities for improvisation in a variety of music education contexts and stimulates the development of knowledge and reflection on improvisation The book critically examines the challenges cultural values aims and methods involved in improvisation pedagogy Written by international contributors representing a variety of musical

genres and research methodologies it takes a transdisciplinary approach and outlines a way ahead for improvisation pedagogy and research by providing a space for the exchange of knowledge and critique This book will be of great interest to scholars researchers and postgraduate students in the fields of arts education music education improvisation music psychology musicology ethnomusicology artistic research and community music It will also appeal to music educators on all levels in the field of music education and music psychology *The Power of Music* Elena Mannes,2011-05-31 The award winning creator of the documentary The Music Instinct traces the efforts of visionary researchers and musicians to understand the biological foundations of music and its relationship to the brain and the physical world 35 000 first printing

**A Musicology of Performance** Dorottya Fabian, 2015-08-17 This book examines the nature of musical performance In it Dorottya Fabian explores the contributions and limitations of some of these approaches to performance be they theoretical cultural historical perceptual or analytical Through a detailed investigation of recent recordings of J S Bach s Six Sonatas and Partitas for Solo Violin she demonstrates that music performance functions as a complex dynamical system Only by crossing disciplinary boundaries therefore can we put the aural experience into words A Musicology of Performance provides a model for such a method by adopting Deleuzian concepts and various empirical and interdisciplinary procedures Fabian provides a case study in the repertoire while presenting new insights into the state of baroque performance practice at the turn of the twenty first century Through its wealth of audio examples tables and graphs the book offers both a sensory and a scholarly account of musical performance These interactive elements map the connections between historically informed and mainstream performance styles considering them in relation to broader cultural trends violin schools and individual artistic trajectories A Musicology of Performance is a must read for academics and post graduate students and an essential reference point for the study of music performance the early music movement and Bach s opus The Routledge Handbook of Philosophy and Improvisation in the Arts Alessandro Bertinetto, Marcello Ruta, 2021-07-22 Over the last few decades the notion of improvisation has enriched and dynamized research on traditional philosophies of music theatre dance poetry and even visual art This Handbook offers readers an authoritative collection of accessible articles on the philosophy of improvisation synthesizing and explaining various subjects and issues from the growing wave of journal articles and monographs in the field Its 48 chapters written specifically for this volume by an international team of scholars are accessible for students and researchers alike The volume is organized into four main sections I Art and Improvisation Theoretical Perspectives II Art and Improvisation Aesthetical Ethical and Political Perspectives III Improvisation in Musical Practices IV Improvisation in the Visual Narrative Dramatic and Interactive Arts Key Features Treats improvisation not only as a stylistic feature but also as an aesthetic property of artworks and performances as well as a core element of artistic creativity Spells out multiple aspects of the concept of improvisation emphasizing its relevance in understanding the nature of art Covers improvisation in a wide spectrum of artistic domains including unexpected ones such as literature visual arts

games and cooking Addresses key questions such as How can improvisation be defined and what is its role in different art forms Can improvisation be perceived as such and how can it be aesthetically evaluated What is the relationship between improvisation and notions such as action composition expressivity and authenticity What is the ethical and political significance of improvisation New Directions in Musical Collaborative Creativity Raymond MacDonald, Tia DeNora, Maria Sappho, Robert Burke, Ross Birrell, 2025 During the COVID 19 pandemic creative communities were faced with unprecedented challenges and forced to embark upon a re evaluation of traditional approaches to artistic collaboration In the wake of these discussions and experiments New Directions in Musical Collaborative Creativity asks how new technology can be used to enhance creativity and how this creativity increases our knowledge in relation to musical interactions in group contexts Focusing on a case study of a leading musical improvisation group the Glasgow Improvisers Orchestra and their online music sessions established during the COVID 19 lockdowns of March 2020 the book s five authors probe the transformative impact of online and hybrid improvisation and explore the crucial role of interactive visual and sound technology in the emergence of new identities and hybrid working practices Virtual improvising though a relatively new type of creative activity has significant implications for how researchers can better understand improvisation generally as well as musical interactions in non virtual environments The book s topics range from an overview of digital music frameworks to an investigation of how improvisations begin and end the unique context of the online sessions the integration of audio and visual stimuli to produce audio visual compositions and new types of creative activities. The authors explore how improvisation and online improvising in particular can engender a fresh sense of community while presenting innovative opportunities for experimentation communication community involvement educational enrichment the cultivation of new virtuosities and the promotion of health and well being Furthermore they delve into the ramifications of these insights for education and health emphasising the importance of new technologies and their potential to produce significant creative breakthroughs Ultimately the book points us toward novel manifestations of technologically mediated and community centred creative engagement delineating avenues for future advancement and scholarly investigation Bringing together a multidisciplinary and cross generational author team with a wealth of complementary academic and artistic experience this book responds to the significant growth in interest in improvisation as a musical and artistic practice and situates this research within the study of collaborative creativity in the contemporary hybrid context A companion website features a series of films that document sessions of the Glasgow Improvisers Orchestra showing the innovative collaborative artistic practices as they emerged

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