



# SONIC DESIGN

Practice and Problems

ROBERT COGAN  
POZZI ESCOTT



# Sonic Design Practice And Problems

**Robert Cogan, Pozzi Escot**



## **Sonic Design Practice And Problems:**

**Sonic Design** Robert Cogan,1981      **Sonic Design** Robert Cogan,Pozzi Escot,1981      **Sonic design** Robert D. Cogan,1981      **The Boston Composers Project** Boston Area Music Libraries,1983 The bibliography lists nearly 5 000 compositions by 200 composers of jazz and art music indicating where scores or realizations can be purchased rented or borrowed and which Boston area libraries have them in their collections      **NASA Technical Note** United States. National Aeronautics and Space Administration,1959      **The Bloomsbury Handbook of Sonic Methodologies** Michael Bull,Marcel Cobussen,2020-12-10 The field of Sound Studies has changed and developed dramatically over the last two decades involving a vast and dizzying array of work produced by those working in the arts social sciences and sciences The study of sound is inherently interdisciplinary and is undertaken both by those who specialize in sound and by others who wish to include sound as an intrinsic and indispensable element in their research This is the first resource to provide a wide ranging cross cultural and interdisciplinary investigation and analysis of the ways in which researchers use a broad range of methodologies in order to pursue their sonic investigations It brings together 49 specially commissioned chapters that ask a wide range of questions including how can sound be used in current academic disciplines Is sound as a methodological tool indispensable for Sound Studies and what can sound artists contribute to the discourse on methodology in Sound Studies The editors also present 3 original chapters that work as provocative sonic methodological interventions prefacing the 3 sections of the book

*Guillaume de Machaut* Lawrence Earp,2013-08-21 This book provides an overview of the current state of research on Machaut the major figure of 14th century French music and poetry giving fair representation to the many areas of Machaut research that are pursued in fields outside music Coverage of the current state of knowledge on each of the manuscripts includes the newly discovered Aberystwyth manuscript described in detail here for the first time A section on the large narrative poems pulls together recent research of several scholars and offers new views An up to date concordance of the miniatures in all of the illustrated Machaut manuscripts gives information on where published studies and facsimiles may be found The discography is the most complete list of Machaut recordings yet compiled and provides critical evaluations of recordings most valuable for instruction according to our latest conception of performance practice in the 14th century A biography section organizes the documentary material in a way that will facilitate further research The bibliography of secondary works cites books editions articles and dissertations including forthcoming works from 1740 to 1991 in French English the other western European languages Polish Russian and Japanese The volume is fully indexed      *Choral Repertoire* Dennis Shrock,2009-04-07 Choral Repertoire is a comprehensive reference book about choral music in Western culture from Gregorian chant to compositions of the early twenty first century The material in the book covers general characteristics of the major historical eras biographical sketches and discussions of the complete choral output of more than 500 composers and performance annotations of more than 5 000 individual works      **Theory and Practice in the Music of**

**the Islamic World** Rachel Harris, Martin Stokes, 2017-11-20 This volume of original essays is dedicated to Owen Wright in recognition of his formative contribution to the study of music in the Islamic Middle East Wright's work which comprises at the time of writing six field defining volumes and countless articles has reconfigured the relationship between historical musicology and ethnomusicology No account of the transformation of these fields in recent years can afford to ignore his work Ranging across the Middle East Central Asia and North India this volume brings together historical philological and ethnographic approaches The contributors focus on collections of musical notation and song texts on commercial and ethnographic recordings on travellers reports and descriptions of instruments on musical institutions and other spaces of musical performance An introduction provides an overview and critical discussion of Wright's major publications The central chapters cover the geographical regions and historical periods addressed in Wright's publications with particular emphasis on Ottoman and Timurid legacies Others discuss music in Greece Iraq and Iran Each explores historical continuities and discontinuities and the constantly changing relationships between music theory and practice An edited interview with Owen Wright concludes the book and provides a personal assessment of his scholarship and his approach to the history of the music of the Islamic Middle East Extending the implications of Wright's own work this volume argues for an ethnomusicology of the Islamic Middle East in which past and present text and performance are systematically in dialogue

*Space and Spatialization in Contemporary Music: History and Analysis, Ideas and Implementations* Maria Anna Harley, 2016-06-08 This dissertation presents the history of space in the musical thought of the 20th century from Kurth to Clifton from Varese to Xenakis and outlines the development of spatialization in the theory and practice of contemporary music after 1950 The text emphasizes perceptual and temporal aspects of musical spatiality thus reflecting the close connection of space and time in human experience A new definition of spatialization draws from Ingarden's notion of the musical work a typology of spatial designs embraces music for different acoustic environments movements of performers and audiences various positions of musicians in space etc The study of spatialization includes a survey of the composers's writings Ives Boulez Stockhausen Cage etc and an examination of their works The final part presents three unique approaches to spatialization Brant's simultaneity of sound layers Xenakis's movement of sound and Schafer's music of ritual and soundscape

**Boundary Value Problems for Transonic Flow** Alexander G Kuz'min, 2003-02-28 Transonic flow occurs around moving objects as they approach and cross the sound barrier Serious problems can occur at this point such as shock induced flow separation which can cause the aircraft to spin out of control Another important practical problem is the achievement of higher aerodynamic performance of aircraft at cruise conditions which leads to considerable fuel savings The success in application of numerical methods for simulation of transonic flow and aircraft design depends on developments in the underlying mathematical theory This book presents a breakthrough in the solvability analysis of boundary value problems which makes it possible to establish convergence of finite element approximations for shock free flow and to provide a framework for putting the existing

numerical methods on a more sound basis Also physical aspects concerned with patterns of formation and propagation of weak shock waves are analysed This contributes to the understanding of the extreme sensitivity of transonic flow to perturbation of freestream conditions The developed theoretical knowledge base yields promising concepts of the airfoil design and active flow control by airfoil wing shape modifications or suction blowing through a perforated surface Boundary Value Problems for Transonic Flow Focuses on Computational Fluid Dynamics Addresses practical problems such as airfoil design and flow control Presents developments made in the last two decades In essence this is a much needed monograph for researchers and engineers in applied mathematics and numerical analysis applied to aerodynamics and for algorithm developers in Computational Fluid Dynamics in the aircraft industry It gives design engineers the underlying mathematical theory necessary for developing new concepts for airfoil wing design and flow control *Innovative Design and Development Practices in Aerospace and Automotive Engineering* Ram P. Bajpai,U. Chandrasekhar,2016-09-17 The book presents the best articles presented by researchers academicians and industrial experts in the International Conference on Innovative Design and Development Practices in Aerospace and Automotive Engineering I DAD 2016 The book discusses new concept designs analysis and manufacturing technologies where more swing is for improved performance through specific and or multifunctional linguistic design aspects to downsize the system improve weight to strength ratio fuel efficiency better operational capability at room and elevated temperatures reduced wear and tear NVH aspects while balancing the challenges of beyond Euro IV Barot Stage IV emission norms Greenhouse effects and recyclable materials The innovative methods discussed in the book will serve as a reference material for educational and research organizations as well as industry to take up challenging projects of mutual interest Elements of Hypersonic Airbreather Design and Development Ernst Heinrich Hirschel,Werner Staudacher,Mirko Hornung,Daniel Kliche,2025-09-26 This book sketches key design development and engineering issues To think up an airbreathing hypersonic aircraft is one thing to design develop and produce it is another one Airframe propulsion integration plays a central role with six integration types identified Most demanding is that of a large aircraft with both lift and propulsion located at its lower side an approach exemplified early by the US National Aerospace Plane Topics treated are the flight environment design sensitivities fuel considerations aerothermodynamics scramjet propulsion airframe propulsion integration structural and materials issues and aerothermoelasticity Persistent challenges include laminar turbulent transition and joint modelling Capabilities and shortcomings of experimental computational and in flight simulation are considered The second wave of mathematization culminating in the concept of the virtual product has fundamentally transformed flight vehicle design enabling integrated high fidelity simulation across disciplines In this book students design engineers and technical managers will find ample insight and practical knowledge regarding hypersonic airbreather design *Women Composers, Conductors, and Musicians of the Twentieth Century* Jane Weiner LePage,1980 Doing Research in Sound Design Michael Filimowicz,2021-11-23

Doing Research in Sound Design gathers chapters on the wide range of research methodologies used in sound design Editor Michael Filimowicz and a diverse group of contributors provide an overview of cross disciplinary inquiry into sound design that transcends discursive and practical divides The book covers Qualitative Quantitative and Mixed Methods inquiry For those new to sound design research each chapter covers specific research methods that can be utilized directly in order to begin to integrate the methodology into their practice More experienced researchers will find the scope of topics comprehensive and rich in ideas for new lines of inquiry Students and teachers in sound design graduate programs industry based R D experts and audio professionals will find the volume to be a useful guide in developing their skills of inquiry into sound design for any particular application area *Designing for the 21st Century* Tom Inns,2021-09-02 As we become familiar with the 21st century we can see that what we are designing is changing new technologies support the creation of new forms of product and service and new pressures on business and society demand the design of solutions to increasingly complex problems sometimes local often global in nature Customers users and stakeholders are no longer passive recipients of design expectations are higher and increased participation is often essential This book explores these issues through the work of 21 research teams Over a twelve month period each of these groups held a series of workshops and events to examine different facets of future design activity as part of the UK s research council supported Designing for the 21st Century Research Initiative Each of these 21 contributions describes the context of enquiry the journey taken by the research team and key insights generated through discourse Editor and Initiative Director Tom Inns provides an introductory chapter that suggests ways that the reader might navigate these different viewpoints **Technical Data Digest** ,1952

**Confidential Documents** United States. Army Air Forces,1952 **Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design** Aletta, Francesco,Xiao, Jiuling,2018-01-05 The creation of metropolitan areas is influenced by a wide array of factors both practical and ecological They can also be influenced by immaterial characteristics of a given area The Handbook of Research on Perception Driven Approaches to Urban Assessment and Design is a scholarly resource that assesses metropolitan development and its relation to the ecological and sustainability issues these areas face Featuring coverage on a wide range of topics such as user centered urban planning perception of urban landscapes and thermal comfort in urban contexts this publication is geared toward professionals practitioners researchers and students seeking relevant research on the effective planning of metropolitan areas and their relation to the ecological and sustainability issues that face such areas *Catalog of Copyright Entries. Third Series* Library of Congress. Copyright Office,1964 Includes Part 1 Number 1 Books and Pamphlets Including Serials and Contributions to Periodicals January June

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