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Listening to music while running might be the key to improving people's performance when they feel mentally fatigued a study suggests ... completed a 30 minute computer based cognitive test ...

Running to music combats mental fatigue a study suggests

The first time I remember shopping for music was at a Best Buy one day in 2001. I came home with two CDs: the Baha Men's Who Let the Dogs Out and the pop compilation Now That's What I Call Music! 5.

What Will Happen to My Music Library When Spotify Dies?

The study is the first to investigate the effect of listening to music playlists on endurance ... The groups completed a 30-minute computer-based cognitive test which put them in a mentally ...

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Listening to music while running can help combat mental fatigue: Study
The study is the ... completed a 30 minute computer based cognitive test which put them in a mentally fatigued state before completing high intensity exercise. The runners were tested with and without ...

Running to Music Fights Mental Fatigue

Global access to art, culture, and entertainment products - music, movies ... s research aims to bridge the divide between computer science and the social sciences. He uses computation to study online ...

Algorithms and art: Researchers explore impact of AI on music and culture

After losing his leg in a mysterious bombing in Central Park, Connor Golden found healing through music and developed an app for music producers.

Finding healing through music

"From our knowledge in Gestalt therapy and meditation we made ... at work by throwing bottles or smashing a television, a computer or a microwave oven? Many young men and women do, so we invite ...

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What is a 'rage room' and how can you make money with one
ResearchAndMarkets.com Global Electronic Musical Instruments Market Poised to Grow by \$431 Million Between 2021 and 2025 - ResearchAndMarkets.com The "Global Electronic Musical Instruments Market 2021 ...

Global Electronic Musical Instruments Market Poised to Grow by \$431 Million Between 2021 and 2025 - ResearchAndMarkets.com
Miles Johnson, a 2021 MIT alumnus in mathematics, electrical engineering, and physics, survived the pandemic mentally with a little help from his friends.

Making it through a pandemic senior year with curiosity and community
The indigenous people Sámi are an ethnic minority living in Finland, Norway, Russia, and Sweden. Throughout history, Sámis have been living close to nature. Working with reindeer husbandry, ...

Development of Cultural and Environmental Awareness Through Sámi Outdoor Life at Sámi/Indigenous Festivals
Listening to music while running could help improve people's performance when they feel mentally fatigued, a new study suggests ...

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completed a 30-minute computer based cognitive test which ...

Listening to music can make up for mental fatigue while running, says study

“Over time, I realized that computer science was not for me, and decided to continue my studies in the world of music. I began to see some of my friends enrolled in famous music universities and ...

QF's Qatar Music Academy helped shape a student's career path

MORGANTOWN – West Virginia University has announced its graduates, president's list and dean's list students for the spring 2021 semester.

WVU announces spring 2021 graduates and honors students

The University of Wyoming announced major proposed transformations and budget reductions in a Tuesday news release.

UW proposes dramatic restructuring, more budget and faculty cuts

A study lead by the University of Edinburgh researchers suggests that listening to music while running can ... The groups completed a 30-minute computer-based cognitive test which put them in ...

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Study: Music can Combat Mental Fatigue while Running

Listening to music while running might be the key to improving people's performance when they feel mentally fatigued, a new study suggests ... completed a 30 minute computer based cognitive ...

This book presents a coherent state-of-the-art survey on the area of systematic and cognitive musicology which has enjoyed dynamic growth now for many years. It is devoted to exploring the relationships between acoustics, human information processing, and culture as well as to methodological issues raised by the widespread use of computers as a powerful tool for theory construction, theory testing, and the manipulation of musical information or any kind of data manipulation related to music.

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manipulation of musical information or any kind of data manipulation related to music.

In Western Civilization Mathematics and Music have a long and interesting history in common, with several interactions, traditionally associated with the name of Pythagoras but also with a significant number of other mathematicians, like Leibniz, for instance. Mathematical models can be found for almost all levels of musical activities from composition to sound production by traditional instruments or by digital means. Modern music theory has been incorporating more and more mathematical content during the last decades. This book offers a journey into recent work relating music and mathematics. It contains a large variety of articles, covering the historical aspects, the influence of logic and mathematical thought in composition, perception and understanding of music and the computational aspects of musical sound processing. The authors illustrate the rich and deep interactions that exist between Mathematics and Music.

A proposal that an embodied cognition approach to music research--drawing on work in computer science, psychology, brain science, and musicology--offers a promising framework for thinking

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about music mediation technology. Digital media handles music as encoded physical energy, but humans consider music in terms of beliefs, intentions, interpretations, experiences, evaluations, and significations. In this book, drawing on work in computer science, psychology, brain science, and musicology, Marc Leman proposes an embodied cognition approach to music research that will help bridge this gap. Assuming that the body plays a central role in all musical activities, and basing his approach on a hypothesis about the relationship between musical experience (mind) and sound energy (matter), Leman argues that the human body is a biologically designed mediator that transfers physical energy to a mental level--engaging experiences, values, and intentions--and, reversing the process, transfers mental representation into material form. He suggests that this idea of the body as mediator offers a promising framework for thinking about music mediation technology. Leman proposes that, under certain conditions, the natural mediator (the body) can be extended with artificial technology-based mediators. He explores the necessary conditions and analyzes ways in which they can be studied. Leman outlines his theory of embodied music cognition, introducing a model that describes the relationship between a human subject and its environment, analyzing the coupling of action and perception, and exploring different degrees of the body's engagement with music. He

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then examines possible applications in two core areas: interaction with music instruments and music search and retrieval in a database or digital library. The embodied music cognition approach, Leman argues, can help us develop tools that integrate artistic expression and contemporary technology.

This book explores the technology of implementing musical processes such as segmentation, pattern processing, and interactive improvisation in computer music programs.

This book constitutes the thoroughly refereed post-proceedings of the International Computer Music Modeling and Retrieval Symposium, CMMR 2004, held in Esbjerg, Denmark in May 2004. The 26 revised full papers presented were carefully selected during two rounds of reviewing and improvement. Due to the interdisciplinary nature of the area, the papers address a broad variety of topics. The papers are organized in topical sections on pitch and melody detection; rhythm, tempo, and beat; music generation and knowledge; music performance, rendering, and interfaces; music scores and synchronization; synthesis, timbre, and musical playing; music representation and retrieval; and music analysis.

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"This book offers a different approach to music by focusing on the information organization and the development of XML-based language, presenting a new set of tools for practical implementations, and a new investigation into the theory of music"--Provided by publisher.

First Published in 2001. Routledge is an imprint of Taylor & Francis, an informa company.

Useful work has been done in recent years in the areas of music psychology, philosophy and education, yet this is the first book to provide a wide assessment of what practical benefits this research can bring to the music practitioner. With 25 chapters by writers representing a broad range of perspectives, this volume is able to highlight many of the potential links between music research and practice. The chapters are divided into five main sections. Section one examines practitioners use of research to assist their practice and the ways in which they might train to become systematic researchers. Section two explores research centred on perception and cognition, while section three looks at how practitioners have explored their everyday work and what this reveals about the creative process. Section four focuses on how being a musician affects an individuals sense of self and the how others perceive him or her. The

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essays in section five outline the new types of data that creative researchers can provide for analysis and interpretation. The concluding chapter discusses that key question - what makes music affect us in the way it does? The research findings in each chapter provide useful sources of data and raise questions that are applicable across the spectrum of music-related disciplines. Moreover, the research methodologies applied to a specific question may have broader application for readers wishing to take on research themselves.

A wide-ranging survey of video game music creation, practice, perception and analysis - clear, authoritative and up-to-date.

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