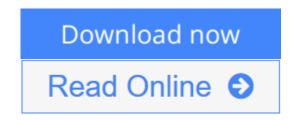


Tonal Pitch Space

By Fred Lerdahl



Tonal Pitch Space By Fred Lerdahl

Building on the foundation of Lerdahl and Jackendoff's influential *A Generative Theory of Tonal Music*, this volume presents a multidimensional model of diatonic and chromatic spaces that quantifies listeners' intuitions of the relative distances of pitches, chords, and keys from a given tonic. The model is employed to assign prolongational structure, represent paths through the space, and compute patterns of tension and attraction as musical events unfold, thereby providing a partial basis for understanding musical narration, expectation, and expression. Conceived as both a music-theoretic treatise and a contribution to the cognitive science of music, this book will be of interest to music theorists, musicologists, composers, computer musicians, and cognitive psychologists.

<u>bownload</u> Tonal Pitch Space ...pdf

Read Online Tonal Pitch Space ...pdf

Tonal Pitch Space

By Fred Lerdahl

Tonal Pitch Space By Fred Lerdahl

Building on the foundation of Lerdahl and Jackendoff's influential *A Generative Theory of Tonal Music*, this volume presents a multidimensional model of diatonic and chromatic spaces that quantifies listeners' intuitions of the relative distances of pitches, chords, and keys from a given tonic. The model is employed to assign prolongational structure, represent paths through the space, and compute patterns of tension and attraction as musical events unfold, thereby providing a partial basis for understanding musical narration, expectation, and expression. Conceived as both a music-theoretic treatise and a contribution to the cognitive science of music, this book will be of interest to music theorists, musicologists, composers, computer musicians, and cognitive psychologists.

Tonal Pitch Space By Fred Lerdahl Bibliography

- Sales Rank: #554260 in Books
- Published on: 2004-12-09
- Original language: English
- Number of items: 1
- Dimensions: 6.10" h x 1.10" w x 9.20" l, 1.38 pounds
- Binding: Paperback
- 432 pages

<u>Download</u> Tonal Pitch Space ...pdf

Read Online Tonal Pitch Space ...pdf

Editorial Review

Review

"A Generative Theory of Tonal Music by Fred Lerdahl and Ray Jackendoff is one of the most important works in music theory in the last half of the 20th century, and likewise it has taken its place among the foundational texts in music perception and cognition. Thus the publication of Lerdahl's *Tonal Pitch Space*, a book which extends the GTTM project, is a significant event."--*Music Perception*

"*Tonal Pitch Space* is one of the most important books to come along in music theory and music cognition in a while. The degree of detail that Lerdahl builds into his model is extraordinary, and the consistency with which he references not only the research literature of cognitive psychology but also that of the full breadth of the history of music theory will ensure its importance to both groups of scholars for some time to come."--*Computer Music Journal*

"[*Tonal Pitch Space*] is an awe-inspiring achievement. It is bursting at the seams with interesting ideas and perceptive analytic insights. It breaks new ground in establishing rigorous, algorithmic procedures for sophisticated music theories and in forging strong connections between music theory and music psychology. It engages other work in the field in the most exemplary way (one can only marvel at the wealth of references, not only to music theory past and present but also to psychology and other disciplines)--building on the ideas of others but always offering fresh insights and perspectives."--*Musicae Scientiae*

About the Author Fred Lerdahl is at Columbia University.

Users Review

From reader reviews:

Daria Gertz:

Why don't make it to be your habit? Right now, try to ready your time to do the important take action, like looking for your favorite book and reading a book. Beside you can solve your trouble; you can add your knowledge by the publication entitled Tonal Pitch Space. Try to make book Tonal Pitch Space as your buddy. It means that it can being your friend when you experience alone and beside regarding course make you smarter than previously. Yeah, it is very fortuned to suit your needs. The book makes you considerably more confidence because you can know everything by the book. So , let me make new experience as well as knowledge with this book.

Matthew Williams:

Have you spare time for any day? What do you do when you have considerably more or little spare time? Sure, you can choose the suitable activity with regard to spend your time. Any person spent all their spare time to take a walk, shopping, or went to typically the Mall. How about open or perhaps read a book eligible Tonal Pitch Space? Maybe it is to get best activity for you. You already know beside you can spend your time with your favorite's book, you can wiser than before. Do you agree with its opinion or you have additional opinion?

Cathrine Hart:

As people who live in typically the modest era should be up-date about what going on or info even knowledge to make these keep up with the era which is always change and move ahead. Some of you maybe may update themselves by reading books. It is a good choice for yourself but the problems coming to you is you don't know what kind you should start with. This Tonal Pitch Space is our recommendation so you keep up with the world. Why, as this book serves what you want and wish in this era.

Mark McKinney:

Reading a book tends to be new life style in this era globalization. With looking at you can get a lot of information that may give you benefit in your life. Using book everyone in this world could share their idea. Ebooks can also inspire a lot of people. Plenty of author can inspire their very own reader with their story or perhaps their experience. Not only the story that share in the ebooks. But also they write about the data about something that you need instance. How to get the good score toefl, or how to teach your children, there are many kinds of book that you can get now. The authors on earth always try to improve their skill in writing, they also doing some investigation before they write to the book. One of them is this Tonal Pitch Space.

Download and Read Online Tonal Pitch Space By Fred Lerdahl #SF03YKNITPR

Read Tonal Pitch Space By Fred Lerdahl for online ebook

Tonal Pitch Space By Fred Lerdahl Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Tonal Pitch Space By Fred Lerdahl books to read online.

Online Tonal Pitch Space By Fred Lerdahl ebook PDF download

Tonal Pitch Space By Fred Lerdahl Doc

Tonal Pitch Space By Fred Lerdahl Mobipocket

Tonal Pitch Space By Fred Lerdahl EPub

SF03YKNITPR: Tonal Pitch Space By Fred Lerdahl