Fred Lerdahl and Ray Jackendoff. A Generative Theory of Tonal Music brings together a range of ideas that are of common interest to music theorists, musicologists, and linguists. The book presents a generative grammar of music that relates the aural surface to the underlying structure of a piece of music. The theory, which is illustrated with numerous examples from Western classical music, relates the aural surface of a musical piece to the musical structure unconsciously inferred by the experienced listener.

From the viewpoint of music theory as traditionally conceived, it offers a new approach to understanding the nature of music. The theory is illustrated with numerous examples from Western classical music, relates the aural surface of a piece to the musical structure unconsciously inferred by the experienced listener. A Generative Theory of Tonal Music The MIT Press 28 Oct 2015. We describe and discuss our computer implementations of Lerdahl and Jackendoffs recent work. The idea of this book is to provide a framework for understanding the process of music cognition, and to offer a new way of looking at the relationship between music and language.
Music, Masatoshi Hamanaka, Keiji Hirata and Satoshi Tojo. Abstract: This paper proposes a music analysing...