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4. p.1110, appendix F.2.1, paragraph 1, l.11 Replace closure $\{x\}$. by closure $\{x\}$ is X. 5. p.1216, appendix O.1.6, table Class Nr.82 Replace in column 1, row 3

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Topos of Music is an extensive and elaborate body of mathematical investigations into music and involves several and ontologically different levels of musical description. Albeit the author Guerino Mazzola lists 17 contributors and 2 collaborators, the book should be characterized as a monograph.

The Topos of Music - Geometric Logic of Concepts, Theory

The Topos of Music is the upgraded and vastly deepened English extension of the seminal German Geometrie der Töne. It reflects the dramatic progress of mathematical music theory and its operationalization by information technology since the publication of Geometrie der Töne in 1990.

The Topos of Music: Geometric Logic of Concepts, Theory

For an American music theorist, Guerino Mazzola's The Topos of Music (henceforth Topos) can be a forbidding book: dense, intricately systematic, and more complex in its mathematics than the writings of Allen Forte, John Clough, or David Lewin.

Mazzola's Counterpoint Theory - Dmitri Tymoczko

This textbook is a first introduction to mathematics for music theorists, covering basic topics such as sets and functions, universal properties, numbers and recursion, graphs, groups, rings, matrices and modules, continuity, calculus, and gestures.

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What is Mathematical Music Theory? Thomas M. Fiore ... The topos of music. Geometric logic of concepts, theory, and performance. In collaboration with Stefan Goller and Stefan Müller. Birkhauser Verlag, Basel, ... of music, and did compositional experiments (Noll 2005). Lewin

What is Mathematical Music Theory? - University of Michigan

This four-volume set is the second edition of the now classic book "The Topos of Music". In Vol. I the

author explains the theory's conceptual framework of denotators and forms, the classification of local and global musical objects, the mathematical models of harmony and counterpoint, and topologies for rhythm and motives.

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The presentation of the matter in particular in the book "Topos of Music" does not closely follow the standard of algebra, whence I surmise that Mr. Mazzola loses some of his readers and rather recommend his work "Geometry of Tones".

What is Mazzola's "Topos of Music" about? - Mathematics

music (e.g., Mazzola and Andreatta 2007), yields an elegant answer to the question of the body's contribution to the construction of a subject, a topic that has been addressed in semiotic embodiment

Volume Cognitive Critique - University of Minnesota

Topos of Music is an unusual book because, despite being massive in length, its target audience is unclear. It cannot be considered to be targeted at musicians -- or if it is, it is only the subset of serious mathematicians who are also musicians.

Revisiting "What is Mazzola's "Topos of Music" about

The Topos of Music, 2nd ed. Vol. I: Theory. Springer (2017) ISBN 978-3-319-64364-9. The Topos of Music, 2nd ed. Vol. II: Performance. Springer (2017) ISBN 978-3-319-64444-8. The Topos of Music, 2nd ed. Vol. III: Gestures. Springer (2017) ISBN 978-3-319-64481-3. The Topos of Music, 2nd ed. Vol. IV: Roots. Springer (2017) ISBN 978-3-319-64495-0.

Guerino Mazzola - Wikipedia

Topos of Music is an extensive and elaborate body of mathematical investigations into music and involves several and ontologically different levels of musical description. Albeit the author Guerino Mazzola lists 17 contributors and 2 collaborators, the book should be characterized as a monograph. Large portions of the content represent original research of Mazzola himself, and the material from ...

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