MUSORGSKIJ'S SENSORY JOURNEY: *PICTURES AT AN EXHIBITION* AS A KINAESTHETIC MUSICAL EKPHRASIS

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Abstract

This study investigates Modest Musorgskij's Pictures at an Exhibition as a paradigm of musical ekphrasis, focusing on how the work evokes sensory and bodily experiences beyond mere visual representation. Unlike visual arts, music suggests imagery without explicitly denoting it, allowing listeners to engage with art through an embodied, rather than solely auditory, perception.

By extending Gibson's concept of affordance to the musical domain, it is explored how sound offers action possibilities" that transcend passive contemplation, activating sensory-motor dynamics in the listener. This interaction involves kinaesthetic imagery, which enables a physical experience of music even without overt physical action. Neuroscientific studies support this view, documenting the activation of motor and premotor areas of the brain during musical listening.

The analysis of the pictures reveals how Musorgskij, through percussive textures, articulated dynamics, and complex rhythmic patterns, transforms the exhibition visitor into a physical and empathetic participant, inducing a corporeal and cognitive journey. Musorgskij's work is a process of sensory-motor mediation in which music embodies and transmits complex perceptive and emotional experiences.

Keywords

Musorgskij, Musical Ekphrasis, Embodied Cognition, Kinaesthetic imagery

Bibliography

- 1. Battistini, Andrea. "Denotazione, metafora e connotazione tra ekphrasis e mélophrasis." *Musica Docta* 10, pp. 65–75. 2020.
- 2. Bruhn, Siglind. "A Concert of Paintings: 'Musical Ekphrasis' in the Twentieth Century." *Poetics Today* 22, no. 3, pp. 551–605. 2001.
- 3. Dahlhaus, Carl. The Idea of Absolute Music. Chicago: University of Chicago Press. 1991
- 4. Dayan, Peter. *Music Writing Literature: From Sand via Debussy to Derrida*. London: Routledge. 2017
- 5. Gibson, James Jerome. *The ecological approach to visual perception: classic edition*. New York: Psychology press, 2014.
- 6. Godøy, Rolf Inge. *Musical Gestures: Sound, Movement, and Meaning*. New York: Routledge, 2010
- 7. Grahn, Jessica Adrienne, and Brett, Matthew. "Rhythm and Beat Perception in Motor Areas of the Brain." *Journal of Cognitive Neuroscience* 19, no. 5, pp. 893–906. 2007

- 8. Haueisen, Jens, and Thomas R. Knösche. "Involuntary Motor Activity in Pianists Evoked by Music Perception." *Journal of Cognitive Neuroscience* 13, no. 6 pp. 786–792. 2001
- 9. Heffernan, James A. *Museum of Words: The Poetics of Ekphrasis from Homer to Ashbery*. Chicago: University of Chicago Press. 2004
- 10. Kim Jin Hyun, *Kinaesthetic Musical Imagery Underlying Music Cognition*, in *Music and Mental Imagery*, Routledge, pp. 54-63. 2022.
- 11. Kramer, Lawrence. The Thought of Music. Berkeley: University of California Press. 2016
- 12. Krueger, Joel. "Affordances and the Musically Extended Mind." *Frontiers in Psychology* 5: 1093. 2014.
- 13. Krueger, Joel. "Doing Things with Music." *Phenomenology and the Cognitive Sciences* 10, no. 1, pp. 1–22. 2011
- 14. Leman, Marc. *Embodied Music Cognition and Mediation Technology*. Cambridge, MA: MIT Press, 2007.
- 15. Menin, David, and Andrea Schiavio. "Rethinking Musical Affordances." *AVANT* 3, no. 2, pp. 202–215. 2012.
- 16. Montagu-Nathan, Montagu. "New Light on Musorgskij's 'Pictures'." *The Monthly Musical Record*, XLVIII. 106 May 1917.
- 17. Müllensiefen Daniel, Gingras Bruno, Musil Jason, Stewart Lauren. "The Musicality of Non-Musicians: An Index for Assessing Musical Sophistication in the General Population." *PLoS ONE* 9, 2, e89642, 2014, https://doi.org/10.1371/journal.pone.0089642.
- 18. Nanay, Bence. "Multimodal mental imagery", *Cortex*, Aug,105, pp.125-134. doi: 10.1016/j.cortex.2017.07.006. 2018
- 19. Reybrouck, Mark. "Musical sense-making and the concept of affordance: an ecosemiotic and experiential approach", *Biosemiotics*, 5, 3, pp. 391-409. 2012.
- 20. Russ, Michael. "Returning to the Exhibition: Musorgskij's Pictures Reconsidered." *Music in Art*, 39.1-2, pp. 215-236. 2014
- 21. Zatorre, Robert J., Joyce L. Chen, and Virginia Penhune. "When the Brain Plays Music: Auditory–Motor Interactions in Music Perception and Production." *Nature Reviews Neuroscience* 8, no. 7, pp. 547–558. 2007.