

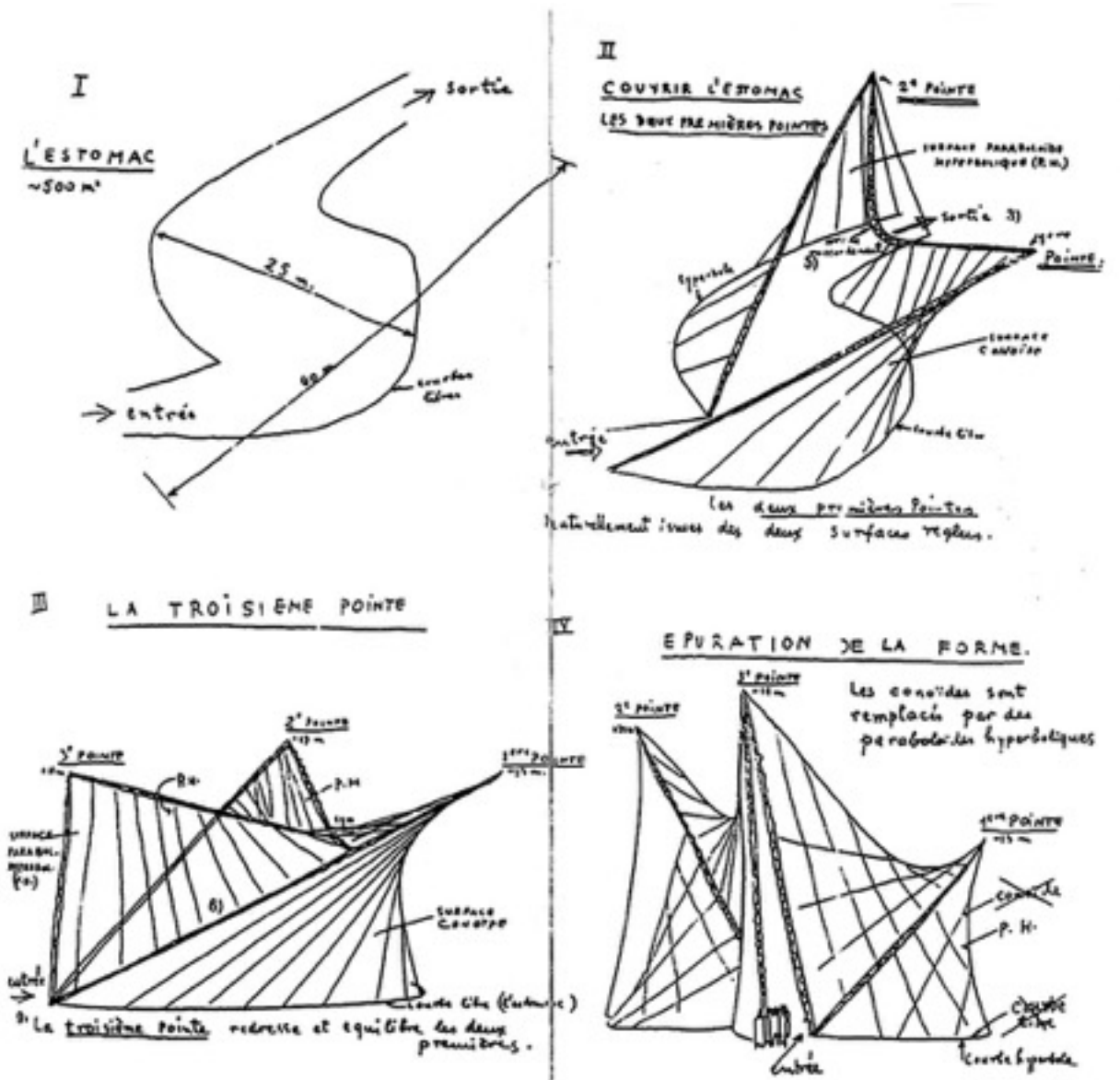
TIME TURNED INTO SPACE - 2019

---

# CASE STUDIES

# EDGAR VARESE & LE CORBUSIER – 1958

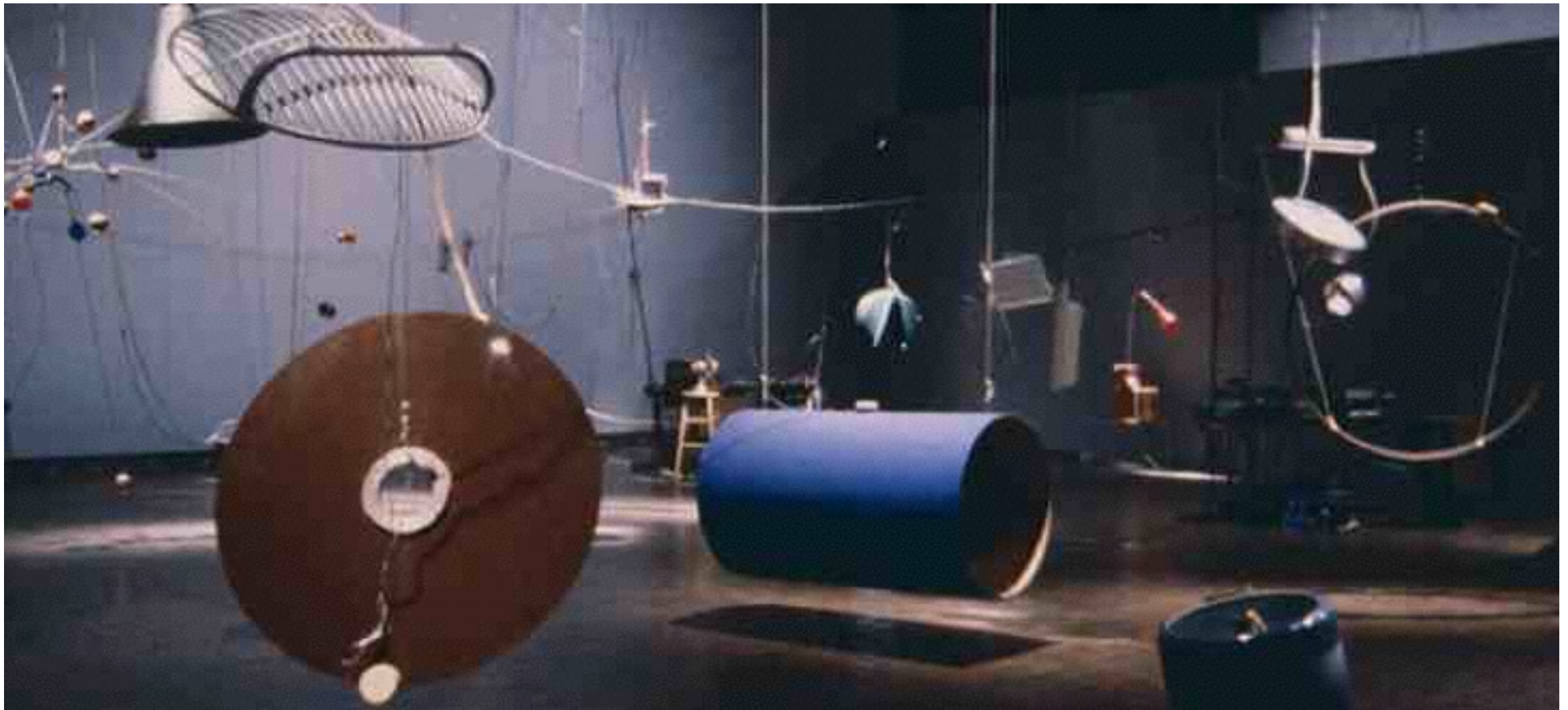
## Architectonic installation



- ▶ [https://en.wikipedia.org/wiki/Poème\\_électronique](https://en.wikipedia.org/wiki/Poème_électronique)
- ▶ <http://www.cirma.unito.it/vep/index.html>
- ▶ <https://www.youtube.com/watch?v=R-R3F3ZVbi8>

# DAVID TUDOR- RAINFOREST – 1968/1973

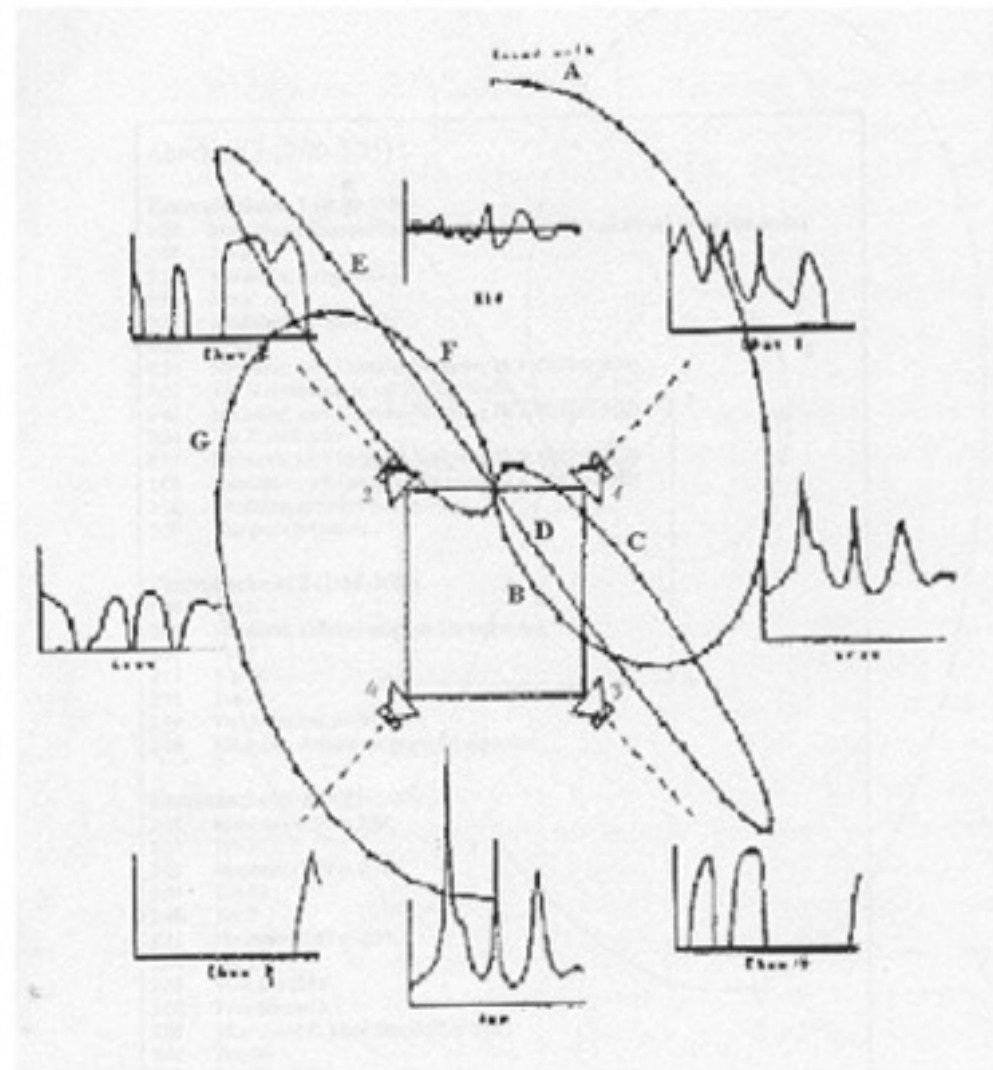
Electroacoustic piece, installation, augmented environment



- ▶ <https://davidtudor.org/Works/rainforest.html>
- ▶ [http://www.getty.edu/research/tools/guides\\_bibliographies/david\\_tudor/av/rainforest.html](http://www.getty.edu/research/tools/guides_bibliographies/david_tudor/av/rainforest.html)
- ▶ [https://www.moma.org/explore/inside\\_out/2016/06/01/moma-collects-david-tudors-rainforest-v-variation-1/](https://www.moma.org/explore/inside_out/2016/06/01/moma-collects-david-tudors-rainforest-v-variation-1/)

# JOHN CHOWNING – TURENAS – 1972

Electroacoustic piece, sound trajectories



- ▶ <https://ccrma.stanford.edu/sites/default/files/user/jc/turenas- the realization of a dream.pdf>
- ▶ <https://www.youtube.com/watch?v=kSbTOB5ft5c>
- ▶ [https://econtact.ca/12\\_2/ChowningJo\\_Zelli.html](https://econtact.ca/12_2/ChowningJo_Zelli.html)



# KARLHEINZ STOCKHAUSEN – HELICOPTER QUARTET – 1995

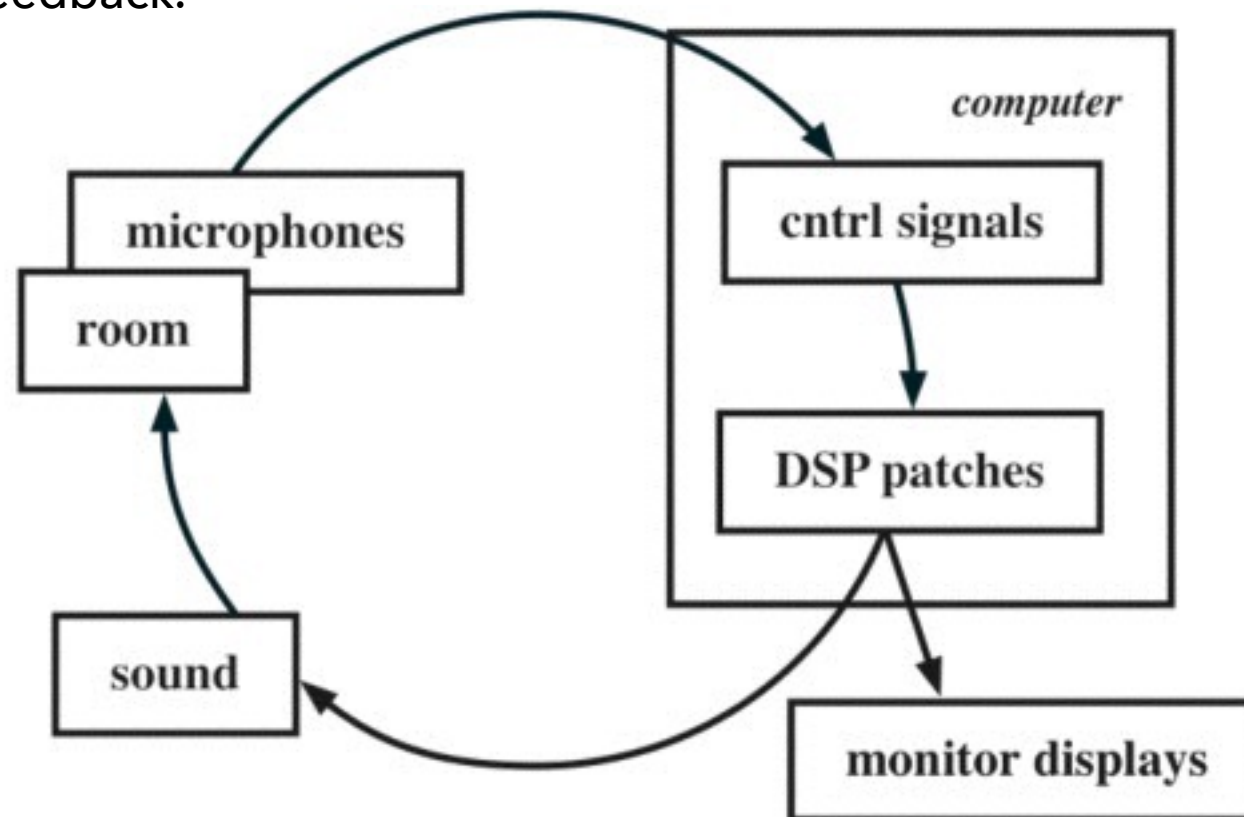
Mixed music piece, string quartet, helicopters, remote performance.



- ▶ <https://en.wikipedia.org/wiki/Helikopter-Streichquartett>
- ▶ [https://www.youtube.com/watch?v=13D1YY\\_BvWU](https://www.youtube.com/watch?v=13D1YY_BvWU)
- ▶ <https://www.youtube.com/watch?v=7ykQFrL0X74>

# AGOSTINO DI SCIPIO – AUDIBLE ECOSYSTEMS – 2003

Reactive installation/piece, feedback.



**Basic design of the Audible Eco-Systemic Interface.**

"I am interested in composing desirable interactions among available elements or components, such that the music is heard as the empirical epiphenomenon of that network of interactions, not as an abstract discourse written by me and diligently spoken by others", says Di Scipio (2005a: 385). This is why his music is so difficult to analyse. While analysing it, one must focus on the ephemeral moment where music emerges in the interaction between the listener and the product of the audio system, and inside a specific space. (R. Merit, M. Solomos, Audible Ecosystems and emergent sound structures in Di Scipio's music. Music philosophy enhances musical analysis in the course materials)

# CHRISTINA KUBISCH – ELECTROMAGNETIC SOUNDWALK – 2004

Soundwalk, induction microphones, electromagnetic pollution

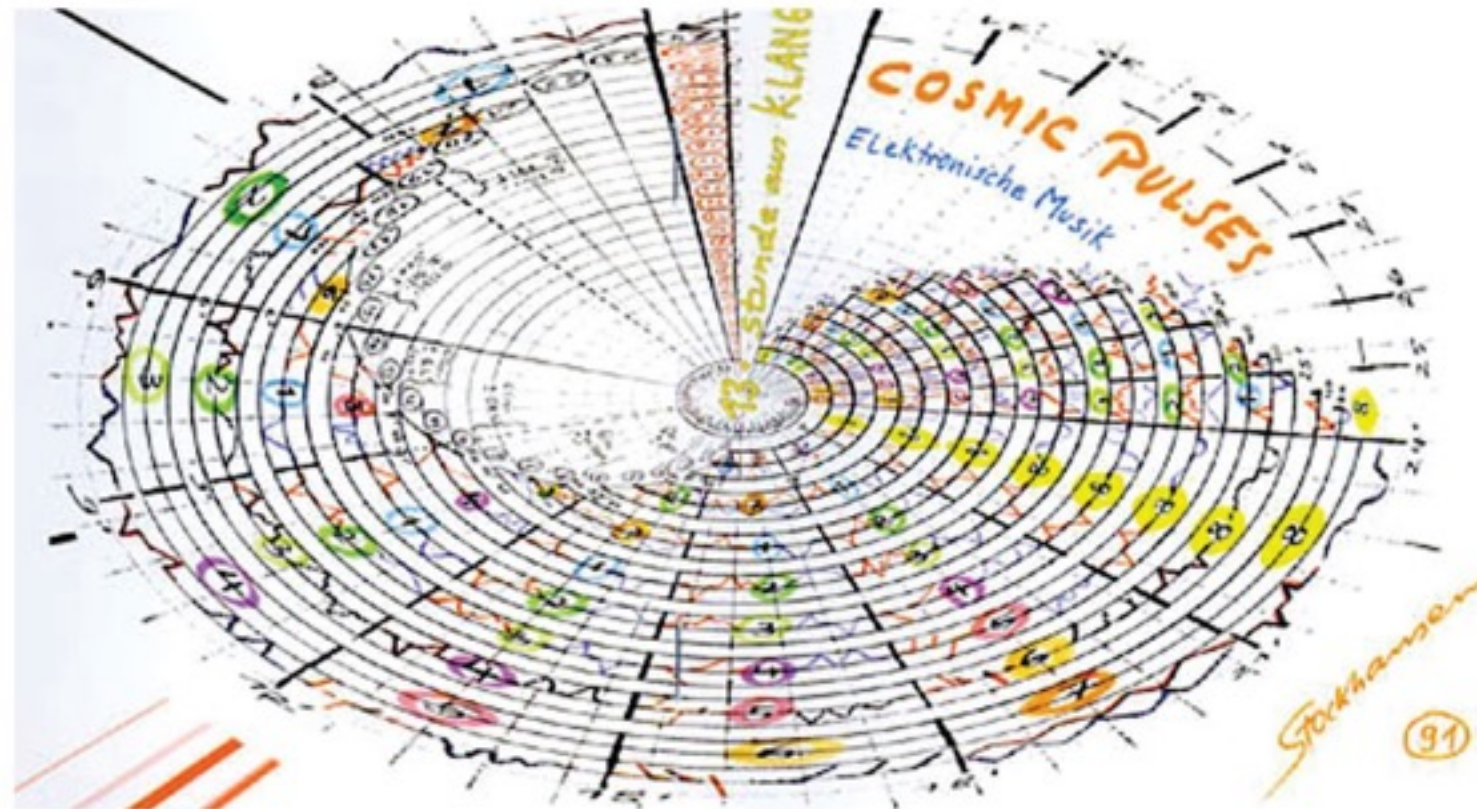


- ▶ [http://www.christinakubisch.de/en/works/electrical\\_walks](http://www.christinakubisch.de/en/works/electrical_walks)
- ▶ <https://vimeo.com/54846163>



# KARLHEINZ STOCKHAUSEN – COSMIC PULSES – 2007

Multichannel electroacoustic piece, trajectories.



- ▶ <http://stockhausenspace.blogspot.fi/2015/03/cosmic-pulses.html>
- ▶ [https://en.wikipedia.org/wiki/Cosmic\\_Pulses](https://en.wikipedia.org/wiki/Cosmic_Pulses)
- ▶ <https://www.youtube.com/watch?v=EqsDLMii8gk>



September 1984

[illegible]



