

Univerzita Karlova v Praze / Pedagogická fakulta / Katedra výtvarné výchovy //  
*Charles University in Prague / Faculty of Education / The Department of Fine Art Education*

# **Netradiční výrazové prostředky a techniky**

Matematické principy v komparaci netradičního výtvarného a hudebního díla

## ***Unconventional Means of expression and techniques***

*Mathematical principles in comparing unconventional visual and musical art*

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## **Abstract**

The thesis deals with a comparative analysis of a project called Poème électronique in the Philips Pavilion (1958), while an emphasis is put on its mathematical background and broader interdisciplinal contexts. Particular attention is devoted to grand oldman Iannis Xenakis. The thesis tries to interpret the phenomenon of Electronic poetry, which we understand as an effort to design a multimedia "Gesamtkunstwerk". This brings the necessitate of the multi-specialized synthetic approach in searching of a relationship between the kinds of arts, and the analysis of interactions of individual project components.