

SERGIO MALTAGLIATI

Artworks, Installation: <Circus_8> DVD video



Topic: Automated and Generative Visual Music

Authors:

Sergio Maltagliati
music composer,
programmer and media
artist .

Pietro Grossi
(1917-2002) was a
pioneer of computer
composition and tape
music, who first
experimented with
electronic techniques in
the early sixties.

References:

www.visualmusic.it
www.pietrogrossi.org
www.quantum-bit.it

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Abstract:

In the middle of the eighties, Pietro Grossi has started a series of researches concerning computer graphics. The "**Homeart**" (term coined by himself) project is particularly relevant: it consists of completely automated visual processes, based on simple computer programs, where he gives space to randomness in the context of a single compositive idea, developed into many different graphic variations.

Grossi has developed the concept of "HomeArt" using **Qbasic graphics**. The simple instructions of each program can be modified to create various processes within a single artistic idea/composition. Grossi's concept of art also offers a broad chromatic range that can be either used directly or modified. His later works involved automated algorithmic composition, which he extended beyond the realms of music into the **visual arts**.

Sergio Maltagliati has innovated upon the original programs, adapting the programming code and adding an inspired audio track as varied as the symbols and colours, involving a multiplicity of musical variations.



Keywords:

homeart, generative visualmusic, automated music software.