March 6, 1990
Rays of Energy
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Abstract

"Rays of Energy" has been realized by computer while transmitting to it musical informations by way of the Talmark* notation. The basic concept of the work is that of an exercise for the composer. The exercise is the self-imposed discipline of using sound material with the uttermost economy. Only one sound is through-composed, by definition of all its physical parameters, and no other presynthesized sounds are used. The composed sound is the thematic subject of the composition. Any development during the composition process, emerges out of the inner properties of this basic sound.

The mediae of development are:
1) Vertical: Pitch combinations with partly varied envelopes, without changing overtone structure.
2) Horizontal: Use of pitch modulation for determination of texture.
3) Micro and macro time organizations.
4) Multiplied sound radiation in spherical directions.

The overall structure is divided by varied "a" and "b" developments plus a "d"-Coda.

* Registered at the Library of Congress of the USA.