

Title (en)

POLYPHONIC SYNTHESIZER OF PERIODICAL SIGNALS USING DIGITAL TECHNIQUES

Publication

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Application

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Abstract (en)

[origin: ES486146A1] The invention concerns a polyphonic musical synthesizer using digital techniques. The generation of successive wave form patterns makes use of phase data for addressing a wave form memory, and of amplitude and harmonic or octave row data contained in a set of memory blocks. Control of the synthesizer is effected by externally addressing the memory set in order to write the aforementioned data in it. The development of synthesis operations within the synthesizer is conditioned by a sequential chain of reading of the different memory blocks in terms of signals from a plurality of generators.

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