

Abstract

atus for generating oscillations and its application.

There is proposed an oscillator which includes a chain of elements and emits an output signal whose period T substantially corresponds to the total delay time of the chain.

The oscillator in accordance with the invention comprises a logic stage to which signals are supplied that can be derived from along the chain or which are produced by additional means. The logic stage thereupon exerts an influence on the input signal of the delay element which is located first in the chain.

2.3 The oscillator in accordance with the invention can be used as part of a phase detector.

3. Figure 1.