

A Novel Differential Integrator for Bioelectric Events

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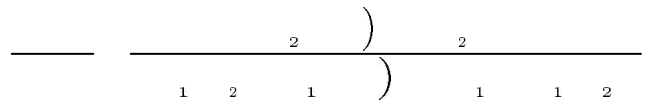
Abstract

A novel design of integrator with differential inputs suitable for bioelectric events is described. The main advantages of this integrator in comparison with the conventional differential integrators are that uses single RC network to control the integration action of the circuit, has high quality factor, and less equivalent input noise voltage.

Index Terms—Bioelectric events, differential integrator, quality factor.

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