

OBT implementation on an OTA-C band-pass filter

Petrashin, Pablo Antonio , Peretti, Gabriela Cristina and Romero, Eduardo (2010) *OBT implementation on an OTA-C band-pass filter*. Proceedings of the 11th International Symposium on Quality Electronic Design. pp. 271-276.

El texto completo no está disponible en este repositorio.

Resumen

In this work, we explore the ability of OBT for testing OTA-C filters with a more complex OTA configuration than in previously reported one. Adopting a second-order structure as a case study, we use a non-linear block in the feedback loop in order to force the oscillations. The evaluation of the test quality is made by fault simulation. The simulation results show that the filter present very good fault coverage values.

Tipo de documento: Artículo

DOI: <https://doi.org/10.1109/ISQED.2010.5450427>

Palabras clave: Continuous time filters. Fault simulation. Oscillation based test. OTA-C filter. Testing.

Temas: [T Tecnología > T Tecnología \(General\)](#)

Unidad académica: [Universidad Católica de Córdoba > Facultad de Ingeniería](#)