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ABSTRACT

PREFACE

The design of digital filters manually is an overwhelming experience at best. This project dealt specifically with recursive filters however. The purpose of this project was to provide a computer aided design (CAD) facility where a designer can enter his filter specifications and obtain a display of the filter's performance. He can also obtain the necessary coefficients to implement the designed digital filter. The design program is interactive and user-friendly enough so as to assist the designer in his task of filter design.

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