

MODELING CFA AND VFA

Gh. PANĂ¹ A.I. PANĂ²

Abstract: *The paper presents the new class of current feedback operational amplifier (op amp), produced in Complementary Bipolar (CB) technology. Spice models are proposed for the two types of op amp - the current feedback amplifier (CFA), respectively the voltage feedback amplifier (VFA), designed with identical base blocks. In order to compare the performances of CFA and VFA, their frequency behavior is analyzed.*

Key words: *op amp, CFA, VFA, spice.*

¹ Dept. of Electronics and Computers, *Transilvania University of Braşov.*

² Student, Applied Modern Languages, *Transilvania University of Braşov.*