

The main research area of Angelo Brambilla is the study and implementation of algorithms for the analysis of electrical circuits. In particular he has developed algorithms for the determination of the steady state behaviour of autonomous and non-autonomous circuits both in the time domain and in the frequency domain. Some results have been achieved in cooperation with other research groups. The obtained results are described in 97 publications of which he is author or co-author: 45 of them were published on proceedings of international conferences and 52 on international journals. In 2008 has been AE for TCAS-II. He participated to the Italian research projects MADESS-I and MADESS-II, he was leader of one of the research groups for Italian FIRB, PRIN and FP7 research projects. He was responsible of the research agreements between the Politecnico di Milano and the ABB, FIAR, GALILEO AVIONICA companies.