PUBLICATIONS OF THE THESIS

Full Papers ;

1) Khanittha Kaewdang, Kiattisak Kumwachara and Wanlop Surakampontorn, "A Simple Wide-Band CMOS based True RMS-to-DC Converter," **International Journal of Electronics**, vol. 91, no. 7, July 2004, pp. 407-420.

2) Khanittha Kaewdang and Wanlop Surakampontorn, "On the realization of electronically current-tunable CMOS OTA," **International Journal of Electronics and Communications**, ARTICLE In Press, Corrected Proof, Available online 12 July 2006 (Accepted)

Conference papers ;

1) Khanittha Kaewdang, Chalermpan Fongsamut and Wanlop Surakampontorn, "A Wideband Current-Mode OTA-Based Analog Multiplier-Divider," **IEEE International Symposium on Circuits and Systems (ISCAS'2003)**, Bangkok, Thailand, May 2003, vol.1, pp. I-349 - I-352.

2) Khanittha Kaewdang, Worapong Tangsrirat and Wanlop Surakampontorn, "An Electronically and Linearly Tunable CMOS OTA," **International Technical Conference on Circuits/Systems, Computers and Communications (ITC CSCC 2004)**, Sendai, Japan, 6-8 July 2004, pp. 6A3L-1-1 -- 6A3L-1-4.

3) Khanittha Kaewdang, Wanlop Surakampontom and Nobuo Fujii, "A design of CMOS tunable current amplifiers," **IEEE International Symposium on Communications and Information Technology (ISCIT 2004)**, 2004, Sapporo, Japan, vol. 1, 26-29 Oct. 2004, pp.519 – 522.

4) Khanittha Kaewdang, Kiattisak Kumwachara and Wanlop Surakampontorn, "A realization of simple current-mode CMOS based true RMS-to-DC converter," **The 2004 IEEE Asia-Pacific Conference on Circuits and Systems (APCCAS2004)**, 2004, Tainan, Taiwan, vol. 2, 6-9 Dec. 2004, pp.733 – 736.