

THE PRACTICAL APPLICATION OF A NEW CLASS OF 2D NON-LINEAR SMOOTHERS FOR DIGITAL IMAGE PROCESSING

Eric Cloete
School for Electrical Engineering
Cape Technikon, P.O.Box 652, Cape Town

Abstract

Modern applications in computer graphics and telecommunications command high performance filtering and smoothing corrections to be implemented in real-time. The recent development of a new class of non-linear smoothers for digital image processing is discussed with special emphasis on the practical implications for software and hardware development.