Contents

Editorial: Limits on special issues ................................................................. vii
Philip Machanick

Reviewed articles

A Smart Home environment to support risk monitoring for the elderly living independently .................. 1
T. Chiridza and J. Wesson

Towards a framework for online information security applications
devvelopment: A socio-technical approach .................................................. 24
M. Mujinga, M.M. Eloff, and J.H. Kroeze

Computing research in South Africa: A scientometric investigation ..................................................... 51
D.A. Parry

Parsing and analysis of a Xilinx FPGA bitstream for generating new hardware
by direct bit manipulation in real-time ......................................................... 80
R.R. le Roux, G. van Schoor, and P van Vuuren