

## Multi-stage 3D segmentation for ToF based gesture recognition system

G Simion, CD Căleanu - *Electronics and Telecommunications* ( ... , 2014 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

Abstract—The Human-Computer Interaction changed a lot in the last decade and it became gesture oriented. The up-to-date target is to develop smart interfaces which are free of contact. Hand is one of the favorite mean in this interaction because is a natural way in ...

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## Compositional and Hierarchical Semantic Frameworks for Hand Gesture Recognition

G Simion, C David, C Căleanu, V Gui - [sciencegatepub.com](http://sciencegatepub.com)

The interaction between people and the surrounding devices has changed dramatically in the last decades. In the beginning there were knobs, buttons, and keyboards. Nowadays we have touchscreens and multiple sensors interfaces. Lately, the interaction with smart ...

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## FPGA 及手勢辨識為基礎之輪型助行器引導

林聖桀 - 中原大學電機工程研究所學位論文, 2013 - [airitilibrary.com](http://airitilibrary.com)

由於台灣目前正逐步邁向高齡化社會, 針對老年人的居家照護設備需求也正逐年成長。

本研究在實際審視老人復健所需之助行器後, 提出一款以晶片設計為主之手勢指揮辨識系統。

此系統主要是以場域可編輯邏輯閘陣列(Field Programmable Gate Array, FPGA) 為晶片開發 ...

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