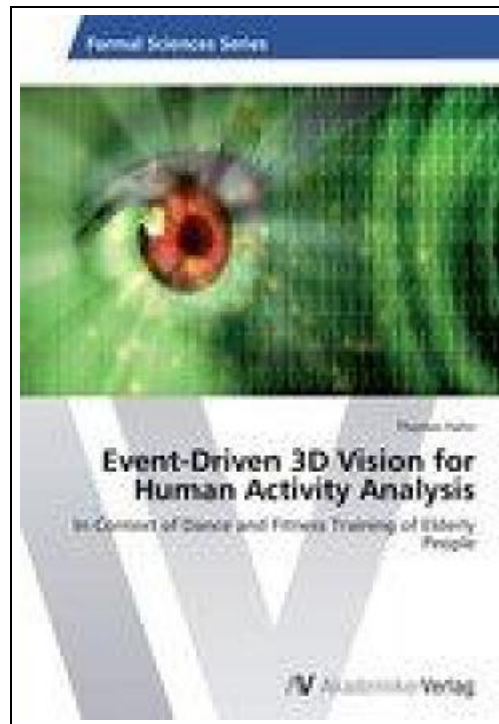


## Event-Driven 3D Vision for Human Activity Analysis



Filesize: 4.1 MB

### **Reviews**

*The best book i at any time read. I am quite late in start reading this one, but better then never. I realized this publication from my dad and i advised this book to understand.*

**(Raina Simonis)**

## EVENT-DRIVEN 3D VISION FOR HUMAN ACTIVITY ANALYSIS

[DOWNLOAD](#)

To get **Event-Driven 3D Vision for Human Activity Analysis** eBook, make sure you click the web link below and download the ebook or get access to other information which are related to EVENT-DRIVEN 3D VISION FOR HUMAN ACTIVITY ANALYSIS ebook.

AV Akademikerverlag Mai 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x9 mm. This item is printed on demand - Print on Demand Neuware - Over the last years many implementations concerning the recognition of human motion have been developed. In this thesis a system for recognition of human motion in the area of dance and fitness training for elderly people is introduced. As the input device, a novel event-driven 3D vision sensor, developed at the AIT Austrian Institute of Technology is used in this approach. This thesis thereby shows the performance of the designed application and points out the opportunity for further employments. Though it was significant how the chosen classification method can be used for the obtained features from the received data. Additionally first performance measurements were done. For this first implementation MATLAB was chosen as the main platform and further applications shall be based on this gained knowledge. For experimentation with the implemented algorithm a database including 580 samples with 8 different activities from 15 individuals, using the 3D sensor, was recorded. To obtain representative experimentation results a cross validation was applied and different settings were used to compare the results. Additionally, test sessions were done on different data sets and for the best results the training and evaluation time was recorded to point out the possibility of real-time usage. The best results thereby reached an average correct recognition rate of around 96%. 144 pp. Englisch.

[Read Event-Driven 3D Vision for Human Activity Analysis Online](#)[Download PDF Event-Driven 3D Vision for Human Activity Analysis](#)[Download ePub Event-Driven 3D Vision for Human Activity Analysis](#)

## Other PDFs



[PDF] **Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Click the hyperlink below to download "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications." PDF file.

[Save eBook »](#)



[PDF] **Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)**

Click the hyperlink below to download "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)" PDF file.

[Save eBook »](#)



[PDF] **Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)**

Click the hyperlink below to download "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)" PDF file.

[Save eBook »](#)



[PDF] **Perfect Psychometric Test Results**

Click the hyperlink below to download "Perfect Psychometric Test Results" PDF file.

[Save eBook »](#)



[PDF] **Perfect Numerical Test Results**

Click the hyperlink below to download "Perfect Numerical Test Results" PDF file.

[Save eBook »](#)



[PDF] **Perfect Numerical and Logical Test Results**

Click the hyperlink below to download "Perfect Numerical and Logical Test Results" PDF file.

[Save eBook »](#)

**[PDF] ESV Study Bible, Large Print**

Follow the link beneath to download and read "ESV Study Bible, Large Print" PDF document.

[Download eBook »](#)

**[PDF] Readers Clubhouse Set a Nick is Sick**

Follow the link beneath to download and read "Readers Clubhouse Set a Nick is Sick" PDF document.

[Download eBook »](#)

**[PDF] Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School**

Follow the link beneath to download and read "Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School" PDF document.

[Download eBook »](#)

**[PDF] xk] 8 - scientific genius kids favorite game brand new genuine(Chinese Edition)**

Follow the link beneath to download and read "xk] 8 - scientific genius kids favorite game brand new genuine(Chinese Edition)" PDF document.

[Download eBook »](#)

**[PDF] ESV Study Bible, Large Print (Hardback)**

Follow the link beneath to download and read "ESV Study Bible, Large Print (Hardback)" PDF document.

[Download eBook »](#)

**[PDF] What is in My Net? (Pink B) NF**

Follow the link beneath to download and read "What is in My Net? (Pink B) NF" PDF document.

[Download eBook »](#)