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Leap Motion

Leap Motion

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Bomb Using Mirror
Training's Software and
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Controller How to Write
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Tutorial 2020~~

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Video / Ableton Live -*

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Geco - Leapmotion

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Language (ASL)

Alphabet Recognition

Using Leap Motion

Controller Hand

Gesture Recognition

with Leap Motion

Implementing a Tutorial

for Rock Paper Scissors

Leap Motion Game

Cartoon Animator 4

Tutorial - Getting

Started with the Leap

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Motion Controller

~~Rock Paper Scissors For
Leap Motion Controller~~

*Hand Tracking / Leap
Motion Controller*

VSeeFace Tutorial - 04

- How to Be a VTuber -

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**Amazing Technology
Invented By MIT -
Tangible Media How I
published my 1st
Conference Paper!!**

~~Leap Motion Controller
Hands-on Review~~

~~(Retail Consumer
Version)~~ **VSEEFACE |**

**Stream Set-Up \u0026
Controls \u0026 Leap
Motion *Free VTuber***

*App with hand tracking
VS Paying for Luppet~~*

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Live homestudio
performance with Leap
Motion, Ableton Push,
Maschine, Launchpad,
iPad, Arduino

How Are
Research Papers

Reviewed and

Published? | Journal vs.

Conference Paper

Difference Explained

~~Leap Motion VR Mount~~

~~+ Oculus Rift CV1 Leap~~

~~Motion Controller for~~

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~~Music Therapy, Original~~

~~Music and Visuals~~

VSEEFACE | Hand

Tracking/Leap Motion

Tutorial AIVR 2020 -

Room 1 Sign Gesture

Recognition using Leap

Motion Controller

~~Introducing the Leap~~

~~Motion~~ **Finger Spelled**

Gesture Recognition

using Leap Motion

Sensor Leap Motion

Blocks for Oculus Rift

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~~Playthrough Leap~~

~~Motion With Windows~~

Leap Motion Ieee Paper

Abstract: In this paper, we present and evaluate an interactive gesture controlled application using the Leap Motion for medical visualization, focusing on user satisfaction as an important component in the composition of the application success

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factors. Usability testings were conducted to verify important application requirements, among which, the asepsis in the working environment, accuracy of the interaction gestures, interaction time, level of interactivity, naturalness, effectiveness ...

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Gesture Interaction and Evaluation Using the Leap Motion ...

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Ieee Paper Leap Motion
is a new gesture-
capturing sensor
hardware system that
can take hand and finger
gestures as input at a
very high accuracy level
compared to other
devices such as

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Microsoft Kinect. Its capabilities give us a big range of applications that it can support. In Page 4/25

[Leap Motion Ieee Paper - builder2.hpd-collaborative.org](#)

In this paper, we present our proposed software called LeapAngles, that uses Leap Motion sensor to get

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goniometric

measurements of the hand, such as Abduction of the Hand Fingers (AHF) and Flexion of the

Metacarpophalangeal (MCP) Joint. To test the precision of the

software, we carry out an experiment in which the measurements of AHF and MCP angles

were taken by a physical

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rehabilitation specialist
in ten young adults
using a goniometer and
LeapAngles software.

Hand goniometric
measurements using
leap motion - IEEE ...

ABSTRACT The Leap
Motion opens new
possibilities for
mapping the various
degrees of motion of the
human hand with

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musical expression. The Leap Motion is a computer peripheral released in mid 2013 that uses IR cameras to track hand and finger location The Composing Hand: Musical Creation with Leap Motion and the BigBang Rubette. free download

Leap Motion IEEE
PAPER

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In this paper, we propose a novel feature vector which is suitable for representing dynamic hand gestures, and presents a satisfactory solution to recognizing dynamic hand gestures with a Leap Motion controller (LMC) only. These have not been reported in other papers. The feature vector with

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depth information is computed and fed into the Hidden Conditional Neural Field (HCNF) classifier to recognize dynamic hand gestures.

Dynamic Hand Gesture Recognition With Leap Motion ...

Abstract: This paper presents a method for automatic detection of cervical myelopathy by

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using Leap Motion

Sensor for sensing hand motion to apply a method called the 10-s grip and release test.

Leap Motion data is analyzed for computing feature of hand motion, which is used for automatic detection of patient or healthy people by random forests algorithm for machine learning.

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Detection of cervical
myelopathy with Leap
Motion Sensor ...

File Name: Leap Motion

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6977 KB Type: PDF,

ePub, eBook Category:

Book Uploaded: 2020

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Leap Motion Ieee Paper

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Abstract: The objective of this research was to design and construction of the system for control robot arm using LEAP Motion Controller. This research has adapted the principle of LEAP Motion Controller and servo motor control.

The designed and constructed the project was composed of 3 main parts: 1) detector

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Free Paper
part, 2) signal control
and processing part
using microcontroller
ATMEL 328 on board
...

Robot-arm control
system using LEAP
motion ... - IEEE Xplore
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Leap Motion Research
Page 22/38

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Leap Motion Ieee Paper
Leap Motion is a new gesture-capturing sensor hardware system that can take hand and finger gestures as input at a very high accuracy level compared to other devices such as Microsoft Kinect. Its capabilities give us a big range of applications that it can support. Leap

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Leap Motion Ieee Paper

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Gesture based human-robot interface is a highly efficient robot control strategy for its simple operation and high availability. This paper develops a hand gesture based robot control system using

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Leap Motion. The process that the robot responds to human's hand gesture contains noise suppression, coordinate transformation and inverse kinematics. A Client/Server structured robot control system is developed, which provides the function of controlling virtual universal robot UR10

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Hand Gesture Based Robot Control System Using Leap Motion ...

The paper deals with an experimental assessment of the Leap Motion Controller

\$. This device is able to track the user's hands in a real environment.

Due to low-invasiveness

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and easiness of use, it is promising for the integration in virtual or augmented reality, research and entertainment scenarios. The assessment is performed in a real context using volunteers ...

Accuracy in fingertip tracking using Leap Motion ...

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The Leap Motion Controller and Processing IDE were used to track three fingers and wrist of the hand to control Soft Fingers through the pneumatic control board.

Control of Robot Arm
Based on Hand Gesture
using Leap ...
Leap Motion Controller.

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Small. Fast. Accurate.

World-class hand tracking for anyone, anywhere. Ultraleap's optical hand tracking module captures the movements of your hands with unparalleled accuracy and near-zero latency. Where to buy
Learn more.

**TOUCHLESS
INTERFACES**

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Digital worlds that feel
human | Ultraleap

In this paper, we leveraged the technology of free-hand interaction to rehabilitate patients with stroke. We modified the game of Fruit Ninja to use Leap Motion controller's hand tracking data for stroke patients with arm and hand weakness to

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practice their finger
individuation.

Free-hand interaction
with leap motion
controller for ...

Leap Motion Ieee Paper
Leap Motion is a new
gesture-capturing sensor
hardware system that
can take hand and finger
gestures as input at a
very high accuracy level
compared to other

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devices such as

Microsoft Kinect. Its capabilities give us a big range of applications that it can support. In Development of Serious Game for Kids using Leap Motion based on Honey Bee Dance Leap Motion IEEE PAPER

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- atcloud.com

Ruffaldi [6] and

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Gunawardane [7]

applied the Leap motion controller on the adaptive robotic arm manipulator. In the papers of Artal-Sevil [8] and Vani [9], the Arduino smart car is controlled by ...

Control of Robot Arm
Based on Hand Gestures
Using Leap ...

Kenneth R. Moser,

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Sujan Anreddy, J.

Edward Swan II, “Leap Motion Hand and Stylus Tracking for Calibration and Interaction within Optical See-Through Augmented Reality”, VR Demonstration, IEEE International Conference on Virtual Reality (IEEE VR 2016), Clemson, South Carolina, USA, March 19–23, 2016.

Access Free Leap Motion Paper

Leap Motion Hand and Stylus Tracking for Calibration and ...

This paper proposes a new SL method, motion contrast 3D scanning (denoted by the point in the center), that simultaneously achieves high resolution, low acquisition speed, and robust performance in exceptionally

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challenging 3D

scanning environments.

Speed-resolution trade-off in SL methods: Most existing

MC3D: Motion Contrast

3D Scanning - Comp

Photo Lab

Dynamic hand gesture recognition is a desired alternative means for human-computer interactions. This paper

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Free Paper presents a hand gesture recognition system that is designed for the control of flights of unmanned aerial vehicles (UAV). A data representation model that represents a dynamic gesture sequence by converting the 4-D spatiotemporal data to 2-D matrix and a 1-D array is introduced.

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