

Publikations with Simi Motion

(not complete, 06/08)

[Gait pattern of severely disabled hemiparetic subjects on a new controlled gait trainer as compared ... - \(5 \) »](#)

S Hesse, D Uhlenbrock, T Sarkodie-Gyan - Clinical Rehabilitation, 1999 - cre.sagepub.com
 ... Data were analysed with the help of **SIMI motion** analysis software (**SIMI Motion** Version 4.2, SIMI-GmbH, 85716 Unterschleißheim, Germany). ...
[Zitiert durch: 39](#) - __ -

[ZITATION] do Simi Twinner Pro

S Motion - Faculdade de Engenharia, Universidade do Porto, 2006
[Zitiert durch: 1](#) - __ -

[Movement variability cannot be determined reliably from no-marker conditions - \(3 \) »](#)

R Bartlett, M Bussey, N Flyger - Journal of Biomechanics, 2006 - Elsevier
 ... In the marker condition, the markers were also auto-tracked using **SIMI Motion** version 7 (Simi reality motion systems, Unterschleissheim) providing a benchmark. ...
[Zitiert durch: 3](#) - __ -

[Similarities and varieties in human motion trajectories of predefined grasping and disposing ... - \(2 \) »](#)

V Wank, A Fischer, K Bos, I Boesnach, J ... - Humanoid Robots, 2004 4th IEEE/RAS International Conference ..., 2004 - ieeexplore.ieee.org
 ... To determine image coordinates and to transform them into spatial coordinates a videocoordinate tracking software (**SIMI Motion**, see Fig. 2) was used. The direct ...
[Zitiert durch: 5](#) - __ -

[Is a single anterolateral screw-plate fixation sufficient for the treatment of spinal fractures in ... - \(2 \) »](#)

U Schreiber, T Bence, T Grupp, E Steinhauser, T ... - European Spine Journal, 2005 - Springer
 ... frontal and transversal plane) were recorded by two digital video cameras and evaluated using a three-dimensional motion analysis system (**SIMI-Motion** 5.2, SIMI ...
[Zitiert durch: 9](#) - __ -

[ZITATION] More precise measurement method for gait analysis

L Kocsis - Proceedings of the third conference on mechanical ..., 2002
[Zitiert durch: 3](#) - __ -

[Strain and elongation of the vastus lateralis aponeurosis and tendon in vivo during maximal ... - \(3 \) »](#)

S Stafilidis, K Karamanidis, G Morey-Klapsing, G ... - European Journal of Applied Physiology, 2005 - Springer
 ... the VL. The analysis of the ultrasound images was done using a video analysis software (**Simi Motion** 5.0, SIMI Motion GmbH). The ...
[Zitiert durch: 13](#) - __ -

[Impacts of lesion severity and tyrosine kinase receptor B deficiency on functional outcome of ... - \(6 \) »](#)

A Irintchev, O Simova, KA Eberhardt, F Morellini, ... - European Journal of Neuroscience, 2005 - Blackwell Synergy
 ... 2 were produced using **SIMI Motion** 7 software (SIMI Reality Motion Systems,

Unterschleissheim, Germany). Results. Definition of parameters. ...

[Zitiert durch: 3](#) - __ -

[Reliability of ground reaction forces measured on a treadmill system in healthy dogs - \(2 \) »](#)

BA Bockstahler, M Skalicky, C Peham, M Müller, D ... - The Veterinary Journal, 2007 - Elsevier
... cm (Fig. 1). GRFs were evaluated at 300 Hz and analysed using **SIMI Motion**
software (Version 6.5., SIMI Reality Motion Systems). ...

[Zitiert durch: 4](#) - __ -

[Lower limb muscle activity in ambulatory children with cerebral palsy before and after the treatment ... - \(3 \) »](#)

S Hesse - Restorative Neurology and Neuroscience, 2000 - IOS Press
... 1). Sagittal joint kinematics of the ankle, knee and hip joints of both sites were
analysed with the help of a video-motion system (**SIMI motion** analysis system ...

[Zitiert durch: 18](#) - __ -

[Nested task constraints shape continuous perception–action coupling control during human locomotor ... - \(4 \) »](#)

I Renshaw, K Davids - Neuroscience Letters, 2004 - Elsevier
... crease distance for each foot placement up to the bound footfall, the film of each
participant's run-up was digitised using the **SIMI Motion** system version 6 ...

[Zitiert durch: 3](#) - __ -

[Tracking human motion without markers-opportunities for field testing in sports](#)

U Kersting, B Rosenhahn, HP Seidel, R Klette - 5th World Congress of Biomechanics, Munich, 2006 - mpi-
inf.mpg.de

... system. A digital four camera system was used (Basler A602f, 180 Hz, **SIMI
motion**). Tests were carried out on an outdoor sports field. ...

[Zitiert durch: 1](#) - __ -

[Closed formulae to determine the angular velocity of a body-segment based on 3D measurements - \(3 \) »](#)

L Kocsis, G Béda - Acta Physiologica Hungarica, 2001 - akademiai.com
... Most of the video-based systems (VICON, APAS, Mikromak, Peak, **Simi Motion**, Novel)
are working with 50–60 Hz, but there are also some systems that work with ...

[Zitiert durch: 14](#) - __ -

[Guidelines for Motion Control of Humanoid Robots: Analysis and Modeling of Human Movements - \(3 \) »](#)

T Stein, A Fischer, K Bös, V Wank, I Boesnach, J ... - International Journal of Computer Science in Sport
(IJCSS), ... - boesnach.de

... For digitization of the video data and reconstruction of spatial coordinates we
used a coordinate capturing software (**SIMI-Motion** 6.0, see Figure 3). The 3D ...

[Zitiert durch: 1](#) - __ -

[Three-Dimensional Movement Analysis as a Promising Tool for Treatment Evaluation of Musicians' ... - \(3 \) »](#)

HC Jabusch, E Altenmiüller - Dystonia 4, 2004 - books.google.com
... Movement analysis was carried out using commercially available software (**SIMI Motion**
3D, SIMI Reality Motion Systems GmbH, Unterschleissheim, Germany). ...

[Zitiert durch: 2](#) - __ -

[ZITATION] Motion events in concept hierarchies: Identity criteria and French examples

A Stein - Ontolinguistics: How Ontological Status Shapes the ..., 2007 - Mouton De Gruyter

[Zitiert durch: 1](#) -

[Effect of muscle fatigue on the compliance of the gastrocnemius medialis tendon and aponeurosis - \(5 \) »](#)

L Mademli, A Arampatzis, M Walsh - Journal of Biomechanics, 2006 - Elsevier
 ... Fig. 3). For the analysis of the video tapes every single frame was digitised using a video analysis software (**Simi Motion** 5.0). ...

[Zitiert durch: 5](#) - __ -

[运动技术大范围三维运动学分析:以花样滑冰双人抛跳动作为例 - \(2\) »](#)

艾康伟, 何申杰 - 体育科学, 2002 - 维普资讯
 ... 使用**SIMI Motion**三维运动录像分析系统对花样滑冰双人抛跳动作进行了大范围的三维运动学分析。研究结果表明 ...

[Zitiert durch: 10](#) - __ -

[In vivo motion transmission in the inactive gastrocnemius medialis muscle-tendon unit during ankle ... - \(3 \) »](#)

G De Monte, A Arampatzis, C Stogiannari, K ... - Journal of Electromyography and Kinesiology, 2006 - Elsevier

... Vicon system. The video sequences were analysed using the Simi video analysis system (**SIMI Motion** 6.1). 2.4. Statistics. The examined ...

[Zitiert durch: 2](#) - __ -

[Measurement of Reaching Kinematics and Prehensile Dexterity in Nonhuman Primates - \(2 \) »](#)

MA Pizzimenti, WG Darling, DL Rotella, DW McNeal, ... - Journal of Neurophysiology, 2007 - Am Physiological Soc

... Movements of the reaching hand were recorded using four digital video cameras interfaced with the **SIMI Motion** data acquisition package (SIMI Reality Motion ...

[Zitiert durch: 1](#) - __ -

[Behaviour of the human gastrocnemius muscle architecture during submaximal isometric fatigue - \(3 \) »](#)

L Mademli, A Arampatzis - European Journal of Applied Physiology, 2005 - Springer
 ... For the analysis of the video tapes, a period of 1 s (every single frame) was digitised for each measurement using a video analysis software (**Simi Motion** 5.0 ...

[Zitiert durch: 5](#) - __ -

[Martin. Simi motion 3D biomechanická analýza](#)

MS ZVONARĚ, M Zvonař, M Sebera - 2007 - muni.cz

... Publication detail. << back. **Simi motion** 3D biomechanická analýza. Citation: ZVONARĚ, Martin - SEBERA, Martin. **Simi motion** 3D biomechanická analýza. ...

[Im Cache](#) -

[Communications to the 12th Commonwealth International Sport Conference](#)

SM Briggs, J Tyler, DR Mullineaux, S Motion - Journal of Sports Sciences, 2003 - informaworld.com

... Held in Manchester, 19–23 July 2002 PART I: BIOMECHANICS Accuracy of kinematic data calculated using **SIMI motion** SM Briggs, J. Tyler and DR Mullineaux ...

[Martin](#)

MS ZVONARĚ, M Zvonař, M Sebera - **Simi motion** 3D biomechanická analýza. Brno: FSpS MU Brno, 2007 - muni.cz

... Publication detail. << back. **Simi motion** 3D biomechanická analýza. Citation: ZVONARĚ, Martin - SEBERA, Martin. **Simi motion** 3D biomechanická analýza. ...

[Im Cache](#) -

[Inverse Dynamics in Cycling Performance](#)

M Wangerin, S Schmitt, B Stapelfeldt, A Gollhofer - SPRINGER PROCEEDINGS IN PHYSICS, 2007 - Springer

... For this, markers on heel and longest toe were added. The software **Simi Motion**® was used for the recording of the kinematic data. ...

— -

[A Gait Analysis Laboratory for Rehabilitation of Patients with Musculoskeletal Impairments](#)

- (3) »

DSS Sousa, JMRS Tavares, MV Correia, JG Barbosa, ... - fe.up.pt

... placed on patient skin. **Simi Motion** software used is able to provide an effective sampling rate of 50 Hz. The cameras use visible ...

— - -

[REGISTRATION BETWEEN DATA FROM VISUAL SENSORS AND FORCE PLATFORM IN GAIT EVENT DETECTION Sousa, ... - \(2 \) »](#)

E Mendes, A Veloso, V Silva - fe.up.pt

... Twenty-one retro reflective markers were fixed onto the subjects' body, according to the marker-set recommended by **Simi Motion** (Simi Reality Motion Systems ...

— - -

[Development of a static and dynamic simulator for osteosyntheses of the mandible - \(2 \) »](#)

M Karoglan, K Schütz, H Schieferstein, HH Horch, ... - Technology and Health Care, 2006 - IOS Press

... sides of the fracture line. The photographs were then evaluated by special software (**SIMI MOTION CAPTURE**). The control of the cylinders ...

— -

[Computational Simulation of a Total Knee Prosthesis Mechanical Behaviour - \(3 \) »](#)

C Bratianu, L Gruionu - Key Engineering Materials, 2006 - scientific.net

... conditions. The real-world environment was simulated using video-based motion capture and analysis software (**SIMI Motion**). Several ...

— -

[Two column lesions in the thoracolumbar junction: anterior, posterior or combined approach? A ... - \(3 \) »](#)

A ... - (3) »

T Bence, U Schreiber, T Grupp, E Steinhauser, W ... - European Spine Journal, 2007 - Springer

... The evaluation of the angular changes was performed using a three-dimensional motion analysis system (**SIMI-Motion** 5.2, SIMI Reality Motion Systems GmbH ...

— -

[Three dimensional knee joint kinematics and lower limb muscle activity of anterior cruciate ligament ...](#)

D Theoret - 2005 - health.uottawa.ca

... Video was collected using the **SIMI* Motion** system (SIMI* Reality Motion Systems GmbH) from four digital video cameras (JVC GR-DVL9800) set at 60 Hz. ...

— - -

[Software and Methods for Motion Capture and Tracking in Animation](#)

J Condell, G Moore, J Moore - ww1.ucmss.com

... for scientific and educational purposes. **Simi Motion** performs 2D or 3D motion capture and analysis. Capturing of the movement is ...

- -

[Effects of submaximal and maximal long-lasting contractions on the compliance of vastus lateralis ... - \(2 \) »](#)

AC Ullrich, L Mademli, A Arampatzis - Journal of Electromyography and Kinesiology, 2007 - Elsevier

... System. The video tapes were digitised every single frame using video analysis

software (**SIMI Motion** 5.0, **SIMI Motion** GmbH). The ...

[REACTION TO A LOSS OF BALANCE IN HEALTHY MENOPAUSAL-AGED AND YOUNG WOMEN - \(2 \) »](#)

D Wisner, K DeGoede - asbweb.org

... The electronic switches captured timing data and arm movements were recorded by two Sony digital cameras and a **SIMI motion** capture system (SIMI Reality Motion ...

— - -

[IEEE VIRTUALREALITY2001 Exhibits/Research Demos](#)

J Yokohama - vrsj.org

... 3D Digitizer : Inspec-3D by Inspec / Microscribe by Immersion Motion Capture Software : **SIMI Motion** Capture 3D by SIMI Reality Motion Systems ...

— - -

[BODY ANGLES IN VOLLEYBALL SPIKE INVESTIGATED BY MODELING METHODS Karen Roemer, Claas Kuhlmann, ...](#)

IBYM METHODS - tu-chemnitz.de

... spatial coordinates. Therefore, the software “**SIMI Motion-Capture**” was utilized to carry out motion analysis. Boundary conditions ...

— - -

[\[ZITATION\] APPARATUS FORMING SHEDS IN LOOMS HAVING CONTINUOUSLY PROGRESSING SHEDS](#)

A Linka - US Patent 3,749,135, 1973 - Google Patents

[Identification of Interindividual and Intraindividual Movement Patterns in Handball Players of ... - \(2 \) »](#)

J Schorer, J Baker, F Fath, T Jaitner - Journal of Motor Behavior, 2007 - Heldref Publications

... Apparatus and Procedure Before recording the movements of the players at 50 Hz, we attached 3M markers made by **SIMI Motion** on their feet, ankles, knees, hips ...

— -

[The effect of functional knee brace design and hinge misalignment on lower limb joint mechanics - \(2 \) »](#)

JC Singer, M Lamontagne - Clinical Biomechanics, 2008 - Elsevier

... All video and analogue-to-digital converted signals were synchronously recorded by SIMI Reality Motion software (**SIMI Motion** Systems GmbH, Unterschleissheim ...

[Adeno-associated virus-mediated L1 expression promotes functional recovery after spinal cord injury. - \(5 \) »](#)

J Chen, J Wu, I Apostolova, M Skup, A Irintchev, S ... - Brain, 2007 - pt.wkhealth.com

... and 1, 2, 3 and 5 weeks after the operation with a high-speed video camera and analysed with the affiliated analysis software (**SIMI Motion**, SIMI Reality Motion ...

— -

[Aspects of Biomechanics - \(2 \) »](#)

G CERULLI, A CARAFFA, G ZAMARRA, F FANTASIA - Football Traumatology: Current Concepts: From Prevention to ..., 2006 - Springer

... recordings with high-speed cameras (around 400 photograms per second), to the modern three-dimensional (3D) systems such as **SIMI Motion**, which we current- ly ...

— -

[3 Second Study: Mechanical and morphological properties of human quadriceps femoris and triceps ...](#)

K Karamanidis, A Arampatzis - Motor behaviour during sudden perturbation and repetitive ..., 2004 - zbsport.de ... inter-electrode distance. The video data were analyzed using the Simi video analysis system (**Simi Motion** 6.1). The ultrasound images ...

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[Influence of borderline hip dysplasia on joint kinematics of clinically sound Belgian Shepherd dogs - \(3 \) »](#)

BA Bockstahler, W Henninger, M Muller, E Mayrhofer ... - American Journal of Veterinary Research, 2007 - Am Vet Med Assoc
... c. **SIMI motion**, version 6.5, SIMI Reality Motion Systems, Unterschleissheim, Germany. d. Microsoft Excel 5.0, Microsoft Corp, Redmond, Wash. ...

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[Influence of different shortening velocities preceding stretch on human triceps surae moment](#)

G De Monte, A Arampatzis - Journal of Biomechanics, 2008 - Elsevier
... The video data were analysed frame-by-frame using the Simi video analysis system (**Simi Motion** 6.1, SIMI Reality Motion Systems GmbH, Unterschleißheim Germany ...

[FOOTWEAR INDUCED CHANGES OF REARFOOT MOVEMENT AND ENERGY CONSUMPTION IN DISTANCE RUNNING](#)

UG Kersting, K Sherlock, KD Newman - staffs.ac.uk
... Sagittal plane and rearfoot kinematics were assessed using 2D high-speed video system (**Simi-Motion**, Basler AF602 camera) with reflective markers placed on the ...

-- --

[Study on three-dimensional kinematics and electromyography of ACL deficient knee participants ... - \(2 \) »](#)

D Théoret, M Lamontagne - Knee Surgery, Sports Traumatology, Arthroscopy, 2006 - Springer
... A PC equipped with the **SIMI Motion** system (SIMI Reality Motion Systems GmbH) was used to acquire and analyze video images of the injured limb, while the ...

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[BIOMECHANICAL MODELS AND MEASURING TECHNIQUES FOR ULTRASOUND-BASED MEASURING SYSTEM DURING GAIT](#)

L Kocsis, RM Kiss, L Kocsisne, Z Knoll - Periodica Polytechnica, Mechanical Engineering, 2004 - pp.bme.hu
... KinTrak/OrthoTrak (MotionAnalysis Corpora- tion), MOTUS (Peak Performance Technologies), Vicon 250/ 512 System (VI- CON), **SIMI Motion** (DataForce), and Anthro ...

-- --

[THE STUDY OF THE BODY'S CENTER OF GRAVITY IN SHOT-PUTTERS](#)

S Vodičková - GYMNICA, 2003 - gymnica.upol.cz
... The resulting video recording was analyzed using software **SIMI Motion** 3D, which provides a 3-dimensional view of selected movement activity. ...

[Zitiert durch: 1](#) - -- --

[ZITATION] BUTE'S ULTRASOUND-BASED MEASURING TECHNIQUE AND MODEL FOR GAIT ANALYSIS

L Kocsis, RM Kiss, Z Knoll, M Jurak - Facta Universitatis, Series Physical Education and Sport, 2000

[Zitiert durch: 2](#) - --

[Gender Bias on the Effects of Instruction on Kinematic and Kinetic Jump Parameters of High-level ... - \(2 \) »](#)

MS Walsh - Research in Sports Medicine, 2007 - informaworld.com
 ... Kinematic and kinetic data were collected and synchronized using **SIMI motion** analysis software (Motion 7.0, **SIMI Motion**, Unterschleissheim, Germany). ...

— -

[34 Analyses of Intensity of Physical Load during a Soccer Match - \(2 \) »](#)

FM Vihren Bachev, PGM Iliev - Science and Football V: The Proceedings of the Fifth World ..., 2005 - books.google.com

... every 5 s and kinematic characteristics of player movements (" Sony" video camera and recorder, Digital video creator and" **SIMI**" **motion** analysis system). ...

— -

[KNEE JOINT LOADING IN ALPINE SKIING: A COM-PARISON BETWEEN CARVED AND SKIDDED TURNS - \(3 \) »](#)

MR Yeadon, J Biom - faculty.ksu.edu.sa

... tilting and zooming cameras (50Hz). 3D marker positions were digitized and calculated with **Simi Motion**. Further analyses of kinetic ...

- -

[Movement Analysis from Mental and Motor Aspects—as Represented by the Example of Training Young ...](#)

A Hökelmann, P Blaser, K Westphal - journals.indexcopernicus.com

... images created. The development of motor execution of the element was investigated with a **SIMI MOTION** Movement analysis System. The ...

[A-0035Vitamin D, a putative alternative to fk506 for repairing the nervous system](#)

JF Chabas, F Feron, P Decherchi, G Magalon, R ... - Journal of Hand Surgery: European Volume, 2007 - Elsevier

... Nerve repair was assessed using three main analyses: (1) functional assessment of hind limb movement using a kinematic recording (**Simi motion** software), (2 ...

[The connection between cognitive movement representations and movement implementation under the ...](#)

K Westphal, A Hökelmann, P Blaser - International Journal of Performance Analysis in Sport, 2006 - ingentaconnect.com

... The athletes were video recorded before and after the period of practicing. Data were collected and analysed with **SIMI Motion**. We ...

[Upper extremity and racket kinematics in topspin forehand drive in elite adolescents and children ...](#)

I Rogowski, S Dorel, O Brosseau, D Rouffet, C ... - Computer Methods in Biomechanics and Biomedical Engineering, 2007 - informaworld.com

... the court. Three- dimensional (3D) coordinates were determined with a two high-speed cameras system (**Simi Motion**, Germany). Three ...

[Mental gait training--effectiveness of a therapy method in the rehabilitation after hip-replacement](#)

J Mayer, J Bohn, P Gorlich, H Eberspacher - Z Orthop Ihre Grenzgeb, 2005 - ncbi.nlm.nih.gov

... With 24 patients after total hip replacement surgery the relevant kinematic data were collected by applying the procedure **SIMI Motion** to the walking movement. ...

[Strain and elongation of the human gastrocnemius tendon and aponeurosis during maximal ...](#)

- (3) »

A Arampatzis, S Stafilidis, G DeMonte, K ... - Journal of Biomechanics, 2005 - Elsevier
 ... maximal plantarflexion trial. The video tapes were analysed using the
 Simi video analysis system (**Simi Motion** 5.0). To estimate ...

[Zitiert durch: 10](#) - __ -

[Muscle–tendon unit mechanical and morphological properties and sprint performance - \(4 \) »](#)

S Stafilidis - Journal of Sports Sciences, 2007 - informaworld.com
 ... identified at the aponeurosis. The video data were analysed using a video
 analysis system (**Simi Motion** 6.1). The ultrasound images ...

__ -

[Upper and lower arm load simulator - \(3 \) »](#)

GJ Kron - US Patent 4,340,371, 1982 - Google Patents
 ... permit loading, rather the loader must "follow" arm tors w hich display up to five
 times the torque of **simi- motion** operating when appropriate. Normally we ...

__ -

[Polyunsaturated Fatty Acids–Are They Alternative Anti-inflammatories? - \(2 \) »](#)

R Geering, C Engelke, T Chandler - touchbriefings.com
 ... The evaluation included flexion testing by veterinary assessment and gait analysis
 using **SIMI Motion** software (Germany) to determine the effect of the patch ...

__ - - -

[Australian and New Zealand SocietyofBiomechanics](#)

A Walmsley - anzsba.asn.au
 ... The software **SIMI Motion** can be used to analyse all types of locomotion of dynamic
 subjects like human persons, animals, engines and robots. ...

__ - - -

[Compensatory load redistribution in naturally occurring osteoarthritis of the elbow joint and](#)

...

BA Bockstahler, A Vobornik, M Müller, C Peham - The Veterinary Journal, 2008 - Elsevier
 ... The GRFs were evaluated at 300 Hz and analysed using **SIMI Motion** software (Version
 6.5, SIMI Reality Motion Systems) and a spreadsheet program (Excel 2003 ...

[Method and apparatus for controlling a tunneling machine - \(2 \) »](#)

G Schnell - US Patent 4,023,861, 1977 - Google Patents
 ... the 40 an initial material removing cut which is small but **simi- motion**
 of the support arm so that the winning tool, eg, mlddle ...

[Zitiert durch: 8](#) - __ -

[Effects of caloric restriction and a moderate or intense physiotherapy program for treatment of](#)

... - (4) »

E Mlacnik, BA Bockstahler, M Muller, MA Tetrick, ... - Journal of the American Veterinary Medical
 Association, 2006 - Am Vet Med Assoc
 ... E X O T I C d. University of Sports Science, Cologne, Germany. e. **SIMI Motion**, version
 6.5, SIMI Reality Motion Systems, Unterschleissheim, Germany. ...

[Zitiert durch: 2](#) - __ -

[Recognition of Emotions in Gait Patterns by Means of Artificial Neural Nets](#)

D Janssen, WI Schöllhorn, J Lubienetzki, K ... - Journal of Nonverbal Behavior, 2008 - Springer
 ... before 3D angles and angular velocities of arm, hip, knee, and ankle were manually
 digitized with the commercially available software **Simi Motion** 5.0 (SIMI ...

__ -

[ZITATION] Closed formulae to determine the angular velocity of a body-segment based on 3D measurements' ...

L Kocsis, G Béda

— -

[ZITATION] „**SIMI Motion**–2D/3D Bewegungserfassung & Analyse “

S GmbH - 1995 - Firmenschrift

Zitiert durch: 2 - _ -

[A three-dimensional model of the rat hindlimb: Musculoskeletal geometry and muscle moment arms - \(4 \) »](#)

WL Johnson, DL Jindrich, RR Roy, V Reggie Edgerton - Journal of Biomechanics, 2008 - Elsevier
... A commercial stereophotogrammetry program (**SIMI Motion**; SIMI Reality Motion Systems, Unterschleissheim, Germany) was used to find three-dimensional coordinates ...

[Inevitable joint angular rotation affects muscle architecture during isometric contraction - \(4 \)](#)

»

K Karamanidis, S Stafilidis, G DeMonte, G Morey- ... - Journal of Electromyography and Kinesiology, 2005 - Elsevier

... to the tendon force. The video data were analysed using the Simi video analysis system (**Simi Motion** 6.1). Pennation angle of the ...

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[Main navigation - \(2 \) »](#)

G Courtine, B Song, RR Roy, H Zhong, JE Herrmann, ... - Nature Medicine, 2008 - nature.com

... 1b). We used **SIMI motion**-capture software (SIMI Reality Motion Systems) to obtain three-dimensional coordinates of the markers. ...

— -

[Adapting the Principle of Integrated Navigation Systems to Measuring the Motion of Rigid Multibody ... - \(2 \) »](#)

JF Wagner - Multibody System Dynamics, 2004 - Springer

Page 1. Multibody System Dynamics 11: 87–110, 2004. © 2004 Kluwer Academic

Publishers. Printed in the Netherlands. 87 Adapting ...

Zitiert durch: 4 - _ -

[Epidural Stimulation Induced Modulation of Spinal Locomotor Networks in Adult Spinal Rats](#)

I Lavrov, CJ Dy, AJ Fong, Y Gerasimenko, G ... - Journal of Neuroscience, 2008 - Soc Neuroscience

... Video analysis of the kinematics of the stepping movements was performed using a **SIMI Motion** Analysis System and was used to produce stick diagrams and ...

[Current techniques for assessing physical exposure to work-related musculoskeletal risks, with ... - \(5 \) »](#)

G Li, P Buckle - Ergonomics, 1999 - ingentaconnect.com

... 1974, Percy et al. 1987); Kinemetrix 2D / 3D Motion Analysis Systems (MIE Medical Research Ltd, Leeds, UK); **SIMI Motion** (Reality Motion Systems, GmbH, Germany ...

Zitiert durch: 109 - _ -

[A proactive approach to work-related low back pain and other musculoskeletal problems in the ...](#)

G Li - geocities.com

... system was tested by comparing the practitioners' assessment on simulated tasks

with computer-aided 3D motion analysis using the **SIMI Motion** system (Reality ...

— -

[One hour electrical stimulation accelerates functional recovery after femoral nerve repair - \(2 \) »](#)

P Ahlborn, M Schachner, A Irintchev - Experimental Neurology, 2007 - Elsevier
 ... transection. The video sequences were examined using **SIMI-Motion** 7.0 software
 (SIMI Reality Motion Systems, Unterschleissheim, Germany). ...

[Zitiert durch: 1](#) - __ -

[Weaving posture analyzing system \(WEPAS\): introduction and validation - \(2 \) »](#)

A Choobineh, M Hosseini, M Lahmi, S Sharifian, AH ... - International Journal of Industrial Ergonomics, 2004
 - Elsevier

... extreme, commercially available systems for sophisticated accurate three-dimensional
 biomechanical human motion analysis (eg VICON, Selspot, **SIMI Motion**, APAS ...

[Zitiert durch: 2](#) - __ -

[Genocide, Justice and the Forensic Sensibilities of the International Committee of the Red Cross](#)

Eboe-Osuji, Chile - Chinese J. Int'l L., 2006 - HeinOnline

... The better view: the alternative position of the Red Cross and the Minority Decision
 A notable alternative case made by the ICRC in the **Simi Motion** is to the ...

[Situation-orientated recognition of tactical patterns in volleyball - \(3 \) »](#)

JM JAGER - Journal of Sports Sciences, 2007 - informaworld.com

... 7206576 pixels. The players' positions on the court were then reconstructed
 from the videos with the software **Simi Motion**. The ...

— -

[青年女性着高跟鞋平地行走时步态的生物力学研究 - \(2 \) »](#)

吴剑, 李建设 - 体育科研, 2003 - 维普资讯

... 青年女性着高跟鞋平地行走时步态的生物力学研究吴剑1, 李建设2 1
 研究对象与方法■要: 通过**SIMI—MOTION**录像解析系统和F ...

[Zitiert durch: 3](#) - __ -

[Adaptational responses of the human Achilles tendon by modulation of the applied cyclic strain ... - \(2 \) »](#)

A Arampatzis, K Karamanidis, K Albracht - Journal of Experimental Biology, 2007 - jeb.biologists.org

... For the analysis of the video tapes every single frame was digitised using video
 analysis software (**Simi Motion** 5.0; SIMI Reality Motion System GmbH ...

[Zitiert durch: 2](#) - __ -

[Biodynamic Feedback Training to Assure Learning Partial Load Bearing on Forearm Crutches - \(3 \) »](#)

D Krause, M Wünnemann, A Erlmann, T Hölzchen, M ... - Archives of Physical Medicine and Rehabilitation, 2007 - Elsevier

... a We used a charge amplifier and an analog-to-digital converter to make
 the data usable for analysis with the software **Simi Motion**. ...

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[ZITATION] Relatório Interno, Breve Apresentação dos Softwares **Simi Motion** e do Simi
 Twinner Pro, Faculdade de ...

D Sousa, J Tavares

[Zitiert durch: 1](#) - __ -

[Flight and echolocation behaviour of three vespertilionid bat species while commuting on flyways - \(2 \) »](#)

A Schaub, HU Schnitzler - Journal of Comparative Physiology A: Neuroethology, Sensory, ..., 2007 - Springer
... Data analysis Reconstruction of Xyways We used **Simi motion**® software to reconstruct the 3D positions of bats and background structures. ...

[Zitiert durch: 1](#) - -

[Stabilität der Osteosynthese bei Gelenkwalzenfrakturen in Klinik und biomechanischer Simulation - \(4 \) »](#)

A Neff, G Mühlberger, M Karoglan, A Kolk, W ... - Mund-, Kiefer- und Gesichtschirurgie, 2004 - Springer
... versorgten Fraktur mit den aufgetragenen Messpunkten angefertigt. Die aufgezeichneten Bilddateien wurden ins Programm SIMI Capture bzw. **SIMI Motion** 5 (Simi ...

[Zitiert durch: 9](#) - -

[Transient effects of stretching exercises on gait parameters of elderly women - \(2 \) »](#)

ALF Rodacki, RM Souza, C Ugrinowitsch, F ... - Manual Therapy, 2008 - Elsevier
... analysis (Pinnacle, LINX). Recorded images were processed and digitalized using specific software (**SIMI MOTION**, 6.1). A common LED ...

[Computer aided ergonomics](#)

TJ Gallwey, LW O'Sullivan - Evaluation of Human Work, 2005 - books.google.com
... users. But the package does offer a range of sophisticated tools. There are a number of options, one of which is **SIMI Motion**. It ...

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[Ergonomic methods for assessing exposure to risk factors for work-related musculoskeletal disorders - \(8 \) »](#)

GC David - Occupational Medicine, 2005 - Soc Occupational Med
... work [51] **SIMI Motion** Video-based analysis of three dimensional movement
Assessment of dynamic movement of upper body and limbs [52 ...

[Zitiert durch: 11](#) - -

[青少年女性穿不同鞋行走时步态的动力学研究 - \(2 \) »](#)

吴剑, 李建设 - 北京体育大学学报, 2004 - 210.33.23.27
... 摘要: 通过 **SIMI - MOTION** 录像解析系统对青少年女性穿不同鞋行走时的步态进行运动学分析。结果表明 ...

[Zitiert durch: 1](#) - - -

[The Effects of Stretching Exercises on Gait Parameters of Older Women: Transient and Chronic Effects](#)

ALF Rodacki, RM Souza, F Cristopoliski - Journal of the Brazilian Society of Adapted Motor Activity - rc.unesp.br
... sampling frequency to 30Hz. Recorded images were processed and digitized using specific software (**SIMI MOTION**, 6.1). A common LED was ...

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[Improving the 'how' and 'what' decisions of elite table tennis players - \(5 \) »](#)

M Raab, RSW Masters, JP Maxwell - Human Movement Science, 2005 - Elsevier
... three dimensional data (50 Hz sampling rate) of every marker (bat-top, wrist, elbow, shoulder, table) was manually digitized (**Simi-Motion** Software, Butterworth ...

[Zitiert durch: 1](#) - -

[Mechanical properties of the triceps surae tendon and aponeurosis in relation to intensity of sport ... - \(5 \) »](#)

A Arampatzis, K Karamanidis, G Morey-Klapsing, G ... - Journal of Biomechanics, 2007 - Elsevier

... length. For the analysis of the videotapes every single frame was digitised using video analysis software (**Simi Motion 5.0**). The ...

[Zitiert durch: 1 - __ -](#)

[Der Einfluss der Gehstützen auf die Einhaltung einer vorgegebenen Teilbelastung in der orthopädisch ... - \(10 \) »](#)

T Jöllenbeck, C Schönle - Brüggemann & Morey-Klapsing (Red.): Biologische Systeme- ..., 2003 - badsassendorf.de

... Abb. 2). Die Erhebung und Speicherung der Daten mit einer Samplingrate von 300 Hz erfolgte mit der Software von **Simi-Motion**. Nach ...

[Zitiert durch: 4 - __ - -](#)

[视频图像技术的发展及在田径项目训练中的应用](#)

李爱东, 苑廷刚, 李汀, 艾康伟, 李鸿江, ... - 体育科学, 2005 - 维普资讯

... C] 艾康伟 2002 thesis SIMI Reality Motion Systems GmbH. **SIMI Motion**

User Manual[CP/DK]. 2002. 刘小伟 2004 thesis

[Zitiert durch: 1 -](#)

[Mechanical and morphological properties of the triceps surae muscle-tendon unit in old and young ... - \(2 \) »](#)

L Mademli, A Arampatzis - Journal of Electromyography and Kinesiology, 2008 - Elsevier

... the recorded ultrasound images during the MVCs frame by frame until the maximal tendon force was achieved using a video analysis software (**Simi Motion 5.0**). ...

[Zitiert durch: 2 - __ -](#)

[Age-Related Effect of Static and Cyclic Loadings on the Strain-Force Curve of the Vastus Lateralis ... - \(2 \) »](#)

L Mademli, A Arampatzis, M Walsh - Journal of Biomechanical Engineering, 2008 - link.aip.org

... the recorded ultrasound images during the MVCs frame by frame until the maximal tendon force was achieved using a video analysis software (**SIMI MOTION 7.0**) (Fig ...

[Zitiert durch: 1 - __ -](#)

[Dynamic Analysis of Human Gait Disorder and Metabolical Cost Estimation - \(4 \) »](#)

M Ackermann, W Schiehlen - Archive of Applied Mechanics (Ingenieur Archiv), 2006 - Springer

Page 1. Arch Appl Mech (2006) 75: 569-594 DOI 10.1007/s00419-006-0027-7 ORIGINAL

Marko Ackermann · Werner Schiehlen Dynamic analysis ...

[Zitiert durch: 1 - __ -](#)

[CONDITION RESPONSIVE DEVICES](#)

RE Bell - US Patent 3,130,802, 1964 - Google Patents

... is in the neon light 103 is presented to its control grid. **Simi- motion**.

Also, the instant the scale moves off zero due larly, the ...

[Breve Apresentação dos Softwares Simi Motion e do Simi Twinner Pro](#)

RR Técnico - fe.up.pt

... Breve Apresentação dos Softwares **Simi Motion** e do Simi Twinner Pro. ... Ficheiro: Breve Apresentação dos Softwares **Simi Motion** e do Simi Twinner Pro. ...

[Im Cache](#) -

[... DES KIEFERGELENKS: MOGLICHKEITEN DER BEWEGUNGSANALYSE MIT DERBILDDATENANALYSESOFTWARE SIMI-MOTION](#)

B SCHWAHN, B KORDASS, W BARTELS - Deutsche Zahnärztliche Zeitschrift, 1998 - cat.inist.fr

SONOGRAPHIE DES KIEFERGELENKS: MOGLICHKEITEN DER BEWEGUNGSANALYSE MIT DERBILDDATENANALYSESOFTWARE **SIMI-MOTION**. B SCHWAHN, B KORDASS ...

[对排球扣球中腕关节击球动作的高速录像分析](#)

陈晓光, 许亮 - 体育科学研究, 2003 - 维普资讯

... An Analysis of W rist Action in Volleyball Smash Through High S 翊Video Tape CHEN Xiao-guang. XU Liang Abstract : By印plying **SIMI Motion** Analysis software ...

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[我国优秀女子跳高运动员顾碧威起跳动作的运动学分析](#)

毛旭江 - 浙江体育科学, 2006 - 维普资讯

... 对捕获的视频在**SIMI MOTION**软件中解析, 并与国内外优秀选手的技术进行比较, 旨在对训练和比赛提供建议。关键词: 跳高 ...

— -

[几种运动生物力学分析系统的研究](#)

李旭天 - 长春师范学院学报: 自然科学版, 2006 - 维普资讯

... SIMI~MoStill、SIMI~TwirmerPro和3维图像分析软件SIMI~MotionCapturc 3D、**SIMI-Motion**, 来实现图像的捕获和分析。可以与三维测力台和EMG ...

[吴健铁饼投掷技术的运动学分析](#)

周学兵, 陈东 - 山东体育学院学报, 2006 - 维普资讯

... 并采用**SIMI—motion**录像解析系统进行图象解析。分析与诊断他的投掷技术并与优秀运动员进行比较研究 ...

— -

[Joint angle-time curves of Brazilian gaited horses](#)

AM Procópio, JAG Bergmann, HJ Menzel, MS Brêtas, ... - Arquivo Brasileiro de Medicina Veterinária e Zootecnia, 2007 - SciELO Brasil

... em 19 pontos articulares dos eqüinos, procedendo-se à filmagem com freqüência de 250 quadros por segundo e utilizando-se o aplicativo **Simi-motion** 3D 6.0 ...

— - [Im Cache](#) -

[Curvas ângulo-tempo das articulações dos eqüinos marchadores - \(3 \) »](#)

AM Procópio, JAG Bergmann, HJ Menzel, MS Brêtas, ... - Arq. Bras. Med, 2007 - SciELO Brasil

... em 19 pontos articulares dos eqüinos, procedendo-se à filmagem com freqüência de 250 quadros por segundo e utilizando-se o aplicativo **Simi-motion** 3D 6.0 ...

— - [Im Cache](#) -

[Curvas ângulo-tempo das articulações dos eqüinos marchadores - \(2 \) »](#)

C Postal, A de graduação—EV—UFMG—Belo, MG ... - Arq. Bras. Med, 2007 - SciELO Brasil

... em 19 pontos articulares dos eqüinos, procedendo-se à filmagem com freqüência de 250 quadros por segundo e utilizando-se o aplicativo **Simi-motion** 3D 6.0 ...

— - [Im Cache](#) -

[iD124-ACTIDEF Avaliação Computacional e Tecnológica Integrada do Desempenho e Funcionalidade de ... - \(3 \) »](#)

E Mendes, JMRS Tavares, MV Correia - fe.up.pt

... Em termos de software é usado o **Simi Motion** para posterior visualização da informação cinemática e cinética do movimento eo Gait Scientific da RSscan ...

— - -

[以垂直跳評估游泳自由式轉身蹬牆的能力](#)

黃靜苓, 何維華, 許瓊云 - 大專體育學刊, 2006 - ceps.com.tw

... 在垂直跳部分是使用Kistler測力板, 取樣頻率設為500Hz, 以Sony攝影機(

30Hz)擷取影像，再以**SIMI Motion System**擷取運動學資料 ...

[三维动画技术在体育教学训练中的发展趋势 - \(2\)»](#)

张新荣, 葛超 - 辽宁体育科技, 2006 - 维普资讯

... 然后才让学生直接练习的原”。麻静媛在《**SIMI motion**录像分析系统在举重研究中的运用》的研究中，首次将德国开发的**SIMI** ...

—

[我国部分优秀男子铅球运动员最后用力阶段某些运动学参数分析 - \(3\)»](#)

蔡德诚, 严海风 - 湖北体育科技, 2006 - 维普资讯

... 采用两台JVC9800高速摄像机以50fps的速度同步拍摄，运用德国**SIMI—motion**录像解析系统进行图像解析。研究结果显示 ...

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[运动视频分析技术在体育教学中的应用](#)

谢洪昌 - 宜春学院学报, 2007 - 维普资讯

... dart. 在运动训练的现场利用运动现场的技术图像快速反馈fish4. 09、瑞士的**simi motion 3D7**. 2三维分析软件，美国Ari ...

[人体动态多机同步测试的实验性研究 - \(2\)»](#)

单大卯, 魏文仪 - 山东体育科技, 2004 - 维普资讯

... 表1 实验对象基本情况(n=2) 2. 2 摄像机四机定位同步拍摄根据所采用的运动学分析软件(**Simi Motion**运动解析系统软件)的要求 ...

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[Szintigraphie, Computertomographie und computerisierte Ganganalyse bei der Sesamoidose des Hundes](#)

D Murgia, U Matis, C Jorda, E Adriany - schattauer.de

... (Daten wurden mit der **SIMI © Motion Analysis Software 1** ausgewertet. Ergebnisse ...

1 Fa. **SIMI ® Motion GmbH**, Unterschleißheim, Deutschland Abb. ...

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[花样滑冰双人抛跳4周的三维运动学分析](#)

艾康伟, 何申杰, 何伟 - 中国体育科技, 2003 - 维普资讯

... 20余套申雪/赵宏博抛跳4周的技术动作，拍摄的频率为50帧/s。使用**SIMI**。

Motion运动录像分析系统(**SIMI Reality Motion Systems GmbH** ...

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[ANÁLISE CLÍNICA DA MARCHA EXEMPLO DE APLICAÇÃO EM LABORATÓRIO DE MOVIMENTO - \(3\)»](#)

DSS Sousa, JMRS Tavares, MV Correia, E Mendes - fe.up.pt

... Em termos de software é usado o **Simi Motion** para tratamento e visualização da informação cinemática, cinética e electromiográfica. ...

— - -

[视频图像技术的发展及在田径项目训练中的应用](#)

李爱东, 苑廷刚, 李汀, 艾康伟, 李鸿江, 王保成 - 体育科学, 2005 - 万方数据资源系统

... [4]**SIMI Reality Motion Systems GmbH. SIMI Motion User Manual**[CP/DK]. 2002.

[5]刘小伟.图形图像处理技术[M].北京:清华大学出版社,2004. ...

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[Physikalische Spielereien und Spielzeuge im interdisziplinären Umfeld](#)

C Ucke - users.physik.tu-muenchen.de

... gespielt. Mit dem Programm **SIMI-Motion** [7] können daraus Strichmännchen-Darstellungen erstellt werden. ... abspielbar. [7] Programm **SIMI-Motion**; Fa. ...

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[举重 抓举 和下蹲 翻 运动学比较与用力特征分析](#)

王海燕, 艾康伟, 李方祥, 郝卫亚, 苑廷刚 - 体育科学, 2005 - 维普资讯

... 4次标定中。双机可视的控制点为22~23个(表2)。应用**SIMI. Motion**

三维录像分析系统提供的三维标定精度验证功能 ...

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[对排球扣球中腕关节击球动作的高速录像分析](#)

许亮 - 体育科学研究, 2003 - scholar.ilib.cn

通过运用德国**SIMI Motion Analysis**软件对排球扣球时腕关节击球动作

高速录像分析,得出:运动员对速度的利用情况有差异,对于 ...

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[艺术体操练习对女大学生形体姿态变化的实验研究](#)

童丽平 - 北京体育大学学报, 2006 - 维普资讯

... 拍摄在下午3点进行,光线较好,为足够照明,辅以三盏典钨灯。1. 4

数据处理运用**Simi Motion Analysis**(德国Simi公司出品 ...

[Zitiert durch: 1](#) - --

[Der Einfluss der Beweglichkeit des oberen Sprunggelenkes auf das Laufverhalten - \(4\) »](#)

T Laufen, D gesamte Probandenkollektiv - currex.de

... Die Abtastreihenfolge erfolgte gemäß der Spezifikationsdatei in **Simi°Motion 6.0**

entlang der sagittalen Beinachse auf dem Trochanter major als dem ...

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[유도 허벅다리걸기 기술발휘 시 받기의 자세와 저항수준에 따른 중심변인 분석 사례연구 \(2\)](#)

김의환, 김성섭, 정재욱 - 한국운동역학회지, 2005 - papersearch.net

... The data of this study collection were digitized by **SIMI Motion** Program computed the mean values and the standard deviation calculated for each variables. ...

[Im Cache](#) -

[Kinematische Ganganalyse—Ein neutraler Blick auf angebotene Systeme](#)

EMG Kamera, K Druckmessung, Z ... - ot-forum.de

... Vorbereitung. Die Anzahl der analogen Eingänge des **SIMI Motion**-Systems

ist abhängig von der verwendeten A/D- Wandlerkarte. Bei ...

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[棒球縫線對飛行軌跡與球速之影響](#)

高英傑, 江昆達 - 大專體育學刊, 2008 - ceps.com.tw

... Two Sony digital cameras (60HZ) were used to collect data and a **SIMI motion** analysis system was used to analyze parameters such as the horizontal displacement ...

[\[BUCH\] Einsatzmöglichkeiten von Videoanalyse im Sport](#)

S Beisel - 2007 - books.google.com

... 13 Abbildung 3: „**SIMI ° Motion**“, Bewegungsanalyse einer Flugrolle 19 III ... SIMI Reality

Motion Systems: „Riesenfelge: Bewegungsanalyse mit **SIMI°Motion** ". ...

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[C. Alisa 与 王 姣 bdFF 动作 起跳 出台 技术 对比 分析 - \(2\) »](#)

龙春生, 薛淑君 - 沈阳体育学院学报, 2004 - 维普资讯
... 使用德国产SIMI TWinnerPro体育运动训练快速图像反馈系统和SIMI Motion运动生物力学录像分析系统, IBM Think Pad计算机 ...

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[国内, 外女子赛艇单人双桨划桨技术比较研究 - \(2\) »](#)

杨银儿, 潘慧炬, 应春意, 梁海丹 - 中国体育科技, 2007 - scholar.ilib.cn
采用SIMI Motion运动分析系统,对中、外赛艇女子单人双桨项目(W1X)优秀运动员一个完整划桨周期技术进行分析.结果表明:中国 ...

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[Umstellung–Umstrukturierung–Umlernen im Spitzensport: Zur Identifizierung stereotyper ... - \(2\) »](#)

R Daus, S Panzer, K Fieguth - bisp.de
... Die videometrische Auswertung erfolgte mit einem 2D- Videoanalyse-System „SIMI-Motion DV 4“ der Firma SIMI über ein manuelles Tracking mit ...

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[不同踢球方式摆动腿的运动学与肌电信号特征研究](#)

部义峰, 李世明, 秦玉鹏, 曹志飞 - 体育科学, 2007 - 维普资讯
... 15 m圆圈内, 获得每个运动员的2次有效数据, 选择其中1次较为理想数据)。对拍摄的运动录像, 通过德国的SIMI。 motion 7. 3 ...

[Nordic Walking–Eine Feldstudie über den Mythos Gelenkentlastung - \(10\) »](#)

T Jöllenbeck, D Leyser, C Grüneberg - Prävention und Rehabilitation. Schriften des BISP, i. Dr, 2006 - saline.de
... 40.000 Schritten auf- gezeichnet, mit eigens erstellter Software (VB 6.0) aufbereitet, zur weiteren Verarbeitung in Simi Motion (V 7.2) importiert und ...

Zitiert durch: 1 - _ - -

[Komplexe Bewegungsanalyse der Startsprungtechniken im Schwimmen](#)

M El-Bahrawi, T Krüger, D Wick, A Hohmann, S ... - uni-potsdam.de
... Die kinematische Bewegungsanalyse wurde mit Hilfe des Softwarepakets SIMI-Motion 5.5 (Fa. SIMI, München) durchgeführt. Page 4. ...

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[Zur Biomechanik des Fahrradhrens](#)

T Bildhauer, O Schulzyk, U Hartmann, EWL an der Fe ... - Aktuelle Methoden der Laser-und Medizinphysik: Tagungsband ..., 2005 - books.google.com
... und Biomechanik, ISBN: 3895950238, 6. Auflage 2003 2] Pawlik, R., Biomechanik des Radfahrens, Dissertation U Wien 1995 [3] SIMI Motion Software, Manual ...

[The relationship between female sex hormones and non-contact knee injuries, specifically anterior ... - \(3\) »](#)

KJ Krummen - ohiolink.edu
... dimensional figure which was analyzed using the SIMI motion analysis system to measure changes in joint angles during the jumping process. ...

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[Mentales Gehtraining–Wirksamkeit eines Therapieverfahrens in der Rehabilitation nach ... - \(2\) »](#)

J Mayer, J Bohn, P Görlich, H Eberspächer - Z Orthop Ihre Grenzgeb, 2005 - thieme-connect.com
... Messwiederholung. Bei 24 Patienten Zn Hüft-TEP wurden mit dem Verfahren

SIMI[®]Motion relevante kinematische Daten zur Gehbewegung erfasst. ...

[ZITATION] Interdisziplinäre Strukturanalyse und Integratives Techniktraining im Wasserspringen

S Leuchte, N Noth, S Brehmer, M Demmler

- -

[PS] [rungs abhängig. Für die orthopädie-tech-nische Anwendung liegt er bei \(n Systemen im ...](#)

A für die Verfasser, M Höschen-Lümmen - ot-forum.de

... Vorbereitung. Die Anzahl der analogen Eingänge des **SIMI Motion**-Systems ist abhängig von der verwendeten A/D- Wandlerkarte. Bei ...

- - -

[Kombinierte dynamometrische und kinemetrische Ganganalysen in der orthopädisch-traumatologischen ... - \(2\) »](#)

C Baumgart, T Jöllenbeck, J Kerstin Witte, GEN ... - badsassendorf.de

... Page 3. dvs Band ??? © Edition Czwalina 3 meras (**SIMI-Motion**) erfasst. Zwei digitale Videokameras pro Körperseite zeichnen die Gehbewegung mit 50 Hz auf. ...

- - -

[我国优秀女子跳高运动员顾碧威起跳动作的运动学分析](#)

毛旭江 - 浙江体育科学, 2006 - 万方数据资源系统

通过三维拍摄我国优秀跳高运动员顾碧威最后一步助跑及起跳过程,对捕获的视频在**SIMI MOTION** 软件中解析,并与国内外优秀 ...

- -

[从膝角看不同水平男子跳远运动员摆动腿技术 - \(2\) »](#)

米卫国, 曾春山, 马有保 - 体育科研, 2003 - 维普资讯

... 根据研究的需要, 筛选确定研究所需主要运动学指标。运动学测试所用仪器为 jvc9800高速数码摄像机, 采用**SIMI motion**(version 5 ...

- -

[Einsatz eines Videofeedbacktrainings als trainingsbegleitende Maßnahme zur Optimierung der ...](#)

J Innenmoser, S Zimmermann - bisp.de

... aufgezeichnet und dokumentiert. Quantitativ wurden die Daten mit dem System von **SIMI-Motion** ausgewertet; zusätzliche Informationen ...

- - -

[不同走步姿态的运动生物力学对比分析](#)

李世明, 石凤莉 - 天津体育学院学报, 2007 - 维普资讯

... were conducted by video, Kistler platform and SEMG synchronization. The kinematic, dynamic and SEMG datum were obtained by **Simi Motion**, Kistler platform (...

- -

[Simultane Kopplung quantitativer Untersuchungsverfahren im Schwimmen](#)

L Schega, J Pabst - bisp.de

... Die Datenauswertung der markierten Körpergelenkspunkte (Hand-, Hüft-, Fußgelenk) erfolgte mit Hilfe der Software **SIMI- Motion**®. ...

- - -

[几种运动生物力学分析系统的研究 - \(2\) »](#)

李旭天 - 长春师范学院学报 (自然科学版), 2006 - 万方数据资源系统

... [2]卢德明.运动生物力学测量方法[M].北京:北京体育大学,2003,347.
 [3]麻静媛.SIMI motion录像解析系统在举重研究中的应用[A ...

- -

[Oberflächen-EMG: Aufklärung des Einflusses von Haut und subkutanem Fettgewebe auf Amplitude und ... - \(2 \) »](#)

H Baars, H Humburg, J Schröder - klinik-quellenhof.de

... In der Sekunde der höchsten Kraftentwicklung wurden das integrierte EMG (iEMG) [mV/s] in **Simi Motion** und die Mittlere Frequenz (MPF) [Hz] durch eine FFT ...

- - -

[Ergebnisse zu Ganganalysen auf dem „reaktiven“ Laufband - \(2 \) »](#)

S Leuchte, A Speer, S Leuchte, W Faber, A Speer - uni-leipzig.de

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