

เอกสารอ้างอิง

- [1] สมาคมยกน้ำหนักสมัครเล่นแห่งประเทศไทย “หนังสือรวบรวมผลงานและวิเคราะห์ผลงานสมาคมยกน้ำหนักสมัครเล่นแห่งประเทศไทย พ.ศ. 2547-2555” เว็บไซต์ <http://www.tawa.or.th/> 10 มกราคม 2557
- [2] Sportclassic “ยกน้ำหนัก” เว็บไซต์ <http://www.sportclassic.in.th/> 10 มกราคม 2557
- [3] สมาคมยกน้ำหนักสมัครเล่นแห่งประเทศไทย “Weightlifting Rule” เว็บไซต์ <http://www.tawa.or.th/> 10 มกราคม 2557
- [4] Harbili, E. and Alptekin, A., “Comparative kinematic analysis of the snatch lifts in elite male adolescent weightlifters”, in The Journal of Sports Science and Medicine 2014, pp. 1-6.
- [5] Rippetoe, M., “The Power Clean”, in the CrossFit Journal Article Reprint, Issue 48, August 2006, pp. 1-5.
- [6] Vaughn, C., “The Split Jerk: Start to Finish”, in the CrossFit Journal Article Reprint, December 2012, pp. 1-11.
- [7] Microsoft Kinect for xbox 360, Website: <http://support.xbox.com>, 5 August 2013
- [8] Sky by sport team ยกน้ำหนัก ปทุมธานี สกายบู้กส์ พ.ศ. 2550
- [9] Auephanwiryakul, S. and Chaisatian, P., “Static Hand Gesture Translation Using String Grammar Hard C-means”, in The Fifth International Conference on Intelligent Technologies, Houston, Texas, USA, December 2004.
- [10] Lei, J., Liu, M., Ma, J., Song, Q., Qiu, L. and Ge, Y., “Movement Pattern Recognition of Weightlifter Based on Ground Reaction Force”, in Proceedings of the 6th World

Congress on Intelligent Control and Automation, June 21-23, 2006, Dalian, China, pp. 10192-10196.

- [11] Manne, H., Timo, H., Lasse, K., Juha, M. and Jukka, J., “Applicability of Triaxial Accelerometer for Energy Expenditure Calculation in Weightlifting”, in MEMSTECH'2006, May 24-27, 2006, Lviv-Polyana, Ukraine, pp. 24-27.
- [12] Novatchkov, H. and Baca, A., “Artificial Intelligence in Sports on the Example of Weight Training”, in Journal of Sports Science and Medicine, 2013, pp. 27-37.
- [13] Walsh, J., Quinlan, J., Stapleton, R., Fitzpatrick, D. and McCormack, D., “Three-dimensional Motion Analysis of the Lumbar Spine During “Free Squat” Weightlift Training”, in The American Journal of Sports Medicine, Vol. 35, No. 6, 2007, pp. 927-932.
- [14] Yeung, K., Kwok, T. and Wang, C. C. L., “Improved Skeleton Tracking by Duplex Kinects: A Practical Approach for Real-Time Applications,” in Journal of Computing and Information Science in Engineering, 2013, vol. 13, pp. 1-10.
- [15] Destelle, F., Ahmadi, A., O'Connor, N. E., Moran, K., Chatzitofis, A., Zarpalas, D. and Daras, P., “Low-Cost Accurate Skeleton Tracking Based on Fusion of Kinect and Wearable Inertial Sensors,” in Proceedings of the 22nd European Signal Processing Conference (EUSIPCO 2014), Lisbon, Portugal, 2014, pp. 371-375.
- [16] Ye, M., Wang, X., Yang, R., Ren, L. and Pollefeys, M., “Accurate 3D Pose Estimation from A Single Depth Image,” in Proceedings of the 2011 IEEE International Conference on Computer Vision (ICCV), Barcelona, Spain, 2011, pp. 731–738.
- [17] Aristidou, A., Cameron, J. and Lasenby, J., “Real-Time Estimation of Missing Markers in Human Motion Capture,” in 2008 2nd International Conference on Bioinformatics and Biomedical Engineering, 2008, pp. 1343- 346.

- [18] Shotton, J., Fitzgibbon, A., Cook, M., Sharp, T., Finocchio, M., Moore, R., Kipman, A. and Blake, A., "Real-Time Human Pose Recognition in Parts from Single Depth Images," in Machine Learning for Computer Vision Studies in Computational Intelligence, 2013, vol. 411, pp. 119-135.
- [19] อุบล พิรุณสาร และคณะ การวิเคราะห์การบาดเจ็บและการเสริมสร้างความมั่นคง ของระบบแกนกลาง งานวิจัย Neuronmusculoskeleton and pain research unit ภาควิชา กายภาพบำบัด คณะเทคนิคการแพทย์ มหาวิทยาลัยเชียงใหม่ พ.ศ. 2552
- [20] อัจฉราพร พวงแก้ว การวิเคราะห์แนวทางการเคลื่อนที่ของบาร์เบล ขณะยกน้ำหนักท่าสแนทช์ ในนักกีฬายกน้ำหนักสมัครเล่นระดับเยาวชน จังหวัดเชียงใหม่ ปริญญาโท วิทยาศาสตรบัณฑิต คณะเทคนิคการแพทย์ มหาวิทยาลัยเชียงใหม่ พ.ศ. 2550
- [21] Musser, L.J., Garhammer, J., Rozenek, R., Crussemeyer, J.A. and Vargas, E.M., "Anthropometry and Barbell Trajectory in the Snatch Lift for Elite Women Weightlifters," in The Journal of Strength and Conditioning Research, 2014, vol. 28, pp. 1636-1648.
- [22] Korkmaz, S. and Harbili, E., "Biomechanical Analysis of the Snatch Technique in Junior Elite Female Weightlifters," in The Journal of Sports Sciences, 2016 vol. 34, pp. 1088-1093.
- [23] Zamora, D., Rodas, P., Puzhi, W., Zumba, P., Duchitanga, J. and Urgiles, F., "Analysis of the Optimal Trajectory in Weightlifting in Style "Snatch"," in The Conference on Electrical, Electronics Engineering, Information and Communication Technologies (CHILECON), 2015, pp.219-224.
- [24] Rahmatis, S.M.A. and Mallakzadeh, M., "Determination of the Optimum Objective Function for Evaluating Optimal Body and Barbell Trajectories of Snatch Weightlifting via Genetic Algorithm Optimization," in The 18th Iranian Conference on BioMedical Engineering, 2011, pp. 21-26.

- [25] Gourgoulis, V., Aggeloussis, N., Antoniou, P, Christoforidis, C., Mavromatis, G. and Garasa, A., “Comparative 3-Dimensional Kinematic Analysis of the Snatch Technique in Elite Male and Female Greek Weightlifters,” in The Journal of Strength and Conditioning Research, 2002, vol. 16 pp. 359–366.
- [26] Ben, A., Mohamed, H., Baghdadi, A., Val, T., Andrieux, L. and Kachouri, A., “Edges Detection in Depth Images for A Gesture Recognition Application Using a Kinect WSN,” in The 5th International Conference on Web and Information Technologies (ICWIT2013), 2013.
- [27] Zhang, Z., “A Flexible New Technique for Camera Calibration,” in IEEE Transactions on Pattern Analysis and Machine Intelligence, 2000, vol. 22, pp. 1330 - 1334.
- [28] Mortenson, M., *Geometric transformations, 1th ed.*, Industrial Press, 1984, pp. 139, ISBN: 978-0831130572.
- [29] ผศ. ดร.สันสนีย์ เอื้อพันธ์วิริยะกุล การประมวลผลภาพดิจิทัล *Digital Image Processing* ภาควิชาวิศวกรรมคอมพิวเตอร์ มหาวิทยาลัยเชียงใหม่ พ.ศ. 2555 หน้า 125-126
- [30] Keys, R., “Cubic Convolution Interpolation for Digital Image Processing”, in IEEE Transactions on Acoustics, Speech, and Signal Processing, 1981, vol. 29 pp. 1153 - 1160.
- [31] Lewis, J. P., “Fast Normalized Cross Correlation, Vision Interface,” in Canadian Image Processing and Pattern Recognition Society, Quebec City, Canada, May 15-19, 1995, vol. 10, pp. 120-123.
- [32] Baker, S. and Matthews, I., “Lucas-Kanade 20 Years On: A Unifying Framework,” in International Journal of Computer Vision, 2004, vol. 56, pp. 221-255.
- [33] Ottman, L., Hayes, A., Jordan, L., Fortgang, A., Landers, M. and Meery, B., *CK-12 Trigonometry, 2nd ed.*, United States of America, 2013, pp. 263-296, ISBN: 978-1935983446.

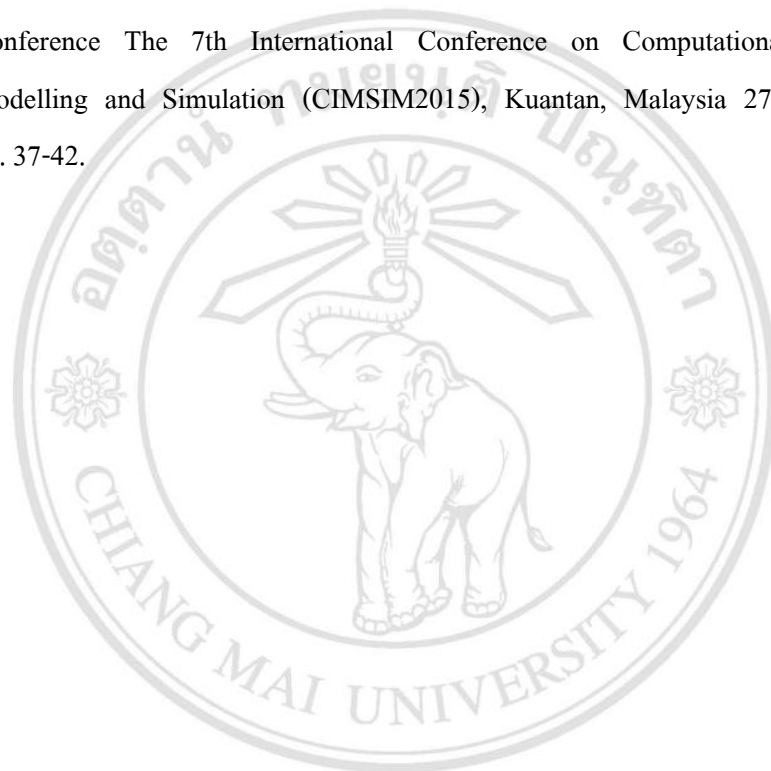
- [34] Curtis, C.W., *Linear Algebra: an introductory approach*, 4th ed., Springer-Verlag, N.Y., 1984, pp. 109, ISBN: 978-0387909929.
- [35] Klomsae, A., Auephanwiriyakul, S. and Theera-Umpon, N., “A Novel String Grammar Fuzzy C-medians”, in FUZZ IEEE 2015, IEEE International Conference on Fuzzy Systems, August 02 – 05, 2015, Turkey, Istanbul, pp. 1-5.
- [36] Yujian, L. and Bo, L., “A Normalized Levenshtein Distance Metric”, in IEEE Transactions on Pattern Analysis and Machine Intelligence, June, 2007, vol. 29, no. 6, pp. 1091-1095.



ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved

รายการสิ่งตีพิมพ์

- 1) Srisen, P., Auephanwiryakul, S., Theera-Umpon, N. and Chamnongkich, S., “Kinect Joints Correction Using Optical Flow for Weightlifting Videos,” Conference The 7th International Conference on Computational Intelligence, Modelling and Simulation (CIMSIM2015), Kuantan, Malaysia 27-29 July 2015, pp. 37-42.



ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved