

REFERENCES

- [1] Worthington, P.J., King, M.A. and Ranson, C.A., Relationships between fast bowling technique and ball release speed in cricket. *Journal of Applied Biomechanics*, 29 (1), pp. 78–84, 2013.
- [2] Worthington, P.J., A biomechanical analysis of fast bowling in cricket. PhD Thesis, *Loughborough University*, UK, 2010.
- [3] Craig. The Bowler's Back. Internet: <https://biomechanics101.wordpress.com/2013/12/06/the-bowlers-back/>, Dec.25, 2013
- [4] Kathleen Shorter, Andrew Nealon, Neal Smith and Mike Lauder. CRICKET SIDE STRAIN INJURIES: A DESCRIPTION OF TRUNK MUSCLEACTIVITY AND THE POTENTIAL INFLUENCE OF BOWLING TECHNIQUE, 29th *International Conference on Biomechanics in Sports*, Porto, Portugal, 2011.
- [5] Burnett A.F., Barrett C.J., Marshall R.N., Elliott B.C. and Day R.E..Three-dimensional measurement of lumbar spine kinematics for fast bowlers in cricket. *Clinical Biomechanics*, vol. 18, issue 8, pp. 574-583, Dec. 1998.
- [6] Benjamin H. Groh, Thomas Kautz, Dominik Schuldhaus and Bjoern M. Eskofier. IMU-based Trick Classification in Skateboarding. *KDD Workshop on Large-Scale Sports Analytics*, Sydney, Australia, 2015.
- [7] Daniel Roetenberg. Inertial and Magnetic Sensing of Human Motion. PhD Thesis, *University of Twente*, Netherlands, Page 15, 2006.
- [8] Muhammad Salman, Saad QaisarAli and Mustafa Qamar. Classification and legality analysis of bowling action in the game of cricket, *Data Mining and Knowledge Discovery*, vol. 31, issue 6, pp. 1706-1734, Nov. 2017.
- [9] David Rowlands, Daniel Arthur James and David Thiel. Bowler analysis in cricket using centre of mass inertial monitoring. *Sports Technology*, Volume 2, pp. 39-42, 2009.
- [10] Sebastian O.H. Madgwick. An efficient orientation filter for inertial and inertial/magnetic sensor arrays. April 2010.
- [11] Ferhat Attal, Samer Mohammed, Mariam Dedabrishvili, Faicel Chamroukhi, Latifa Oukhellou and Yacine Amirat. Physical Human Activity Recognition Using Wearable Sensors, *Sensors*, vol. 15, issue 12, 31314–31338, 2015.
- [12] Andrea Mannini and Angelo Maria Sabatini. Machine Learning Methods for Classifying Human Physical Activity from On-Body Accelerometers. Instrumentation, *Signal Treatment and Uncertainty Estimation in Sensors*, *Sensors*, vol. 10, issue 2, 1154-75, 2010.
- [13] Warangkhan Kimpan1, Natee Rientrakulchai and Wisan Tangwongcharoen. Pattern Analysis of Golf Swing using Motion Sensors, in *Proc. ICCEB*, 2013, pp. 44-48.
- [14] Takashi Aoki, Gentiane Venture, Dana Kulic. Segmentation of Human Body Movement using Inertial Measurement Unit, in *Proc. 2013 IEEE International Conference on Systems, Man, and Cybernetics*, pp. 1181 – 1186.
- [15] Worthington, P.J., King, M.A. And Ranson, C.A. Relationships between fast bowling technique and ball release speed in cricket. *Journal of Applied Biomechanics*, vol. 29, issue 1, pp. 78 – 84, 2013

- [16] Saad Qaisar , Sahar Imtiaz, Fatima Farooq, Sungyoung Lee. A Hidden Markov Model For Detection And Classification Of Arm Action In Cricket Using Wearable Sensors,*Journal of Mobile Multimedia*, vol. 9, pp. 128-144, 2013.
- [17] Amin Ahmadi, Edmond Mitchell, Chris Richter, Francois Destelle, Marc Gowing, Noel E. O'Connor and Kieran Moran. Towards automatic activity classification and movement assessment during a sports training session, *IEEE Internet of Things*, vol. 2, issue 1, pp. 23-32, 2014.
- [18] Edmond Mitchell, David Monaghan, and Noel E. O'Connor. Classification of Sporting Activities Using Smartphone Accelerometers, *Sensors*, vol. 13, issue 4, 5317–5337, 2013.
- [19] Ludovic Seifert, et.al. Pattern recognition in cyclic and discrete skills performance from inertial measurement units, *Procedia Engineering*, vol. 72, pp. 196-201, 2014.
- [20] Pasi Saari. Feature Selection for Classification of Music According to Expressed Emotion, Master's Thesis, *University of Jyväskylä*, Finland, 2009.
- [21] Kishor Walse, Rajiv Vasantrao Dharaskar, V. M. Thakare. PCA Based Optimal ANN Classifiers for Human Activity Recognition Using Mobile Sensors Data, in *Proc. First International Conference on Information and Communication Technology for Intelligent Systems*, 2015, vol.1, pp. 429-436.
- [22] Prasanthi Mandha, G.LavanyaDevi, S. Viziananda Row. A Random Forest based Classification Model for Human Activity Recognition, *International Journal of Advanced Scientific Technologies, Engineering and Management Sciences*, vol.3, special issue 1, 2017.
- [23] Statistical Tools for High-throughput Data Analytics, Internet: <http://www.sthda.com/english/wiki/print.php?id=206>, 2013.
- [24] Nitesh V. Chawla, Kevin W. Bowyer, Lawrence O. Hall, W. Phillip Kegelmeyer. SMOTE: Synthetic Minority Over – sampling Technique, *Journal of Artificial Intelligence Research*, vol 16, pp. 321-357, 2002.
- [25] Valeria Fonti, Eduard Belister, Feature Selection using LASSO, *Vrije Universiteit*, Netherlands, 2017.
- [26] Daniel Olguin Olguin, Alex Pentland, Human Activity Recognition: Accuracy across Common Locations for Wearable Sensors, *IEEE 10th International Symposium on Wearable Computers*, Montreaux, Switzerland, 2006.
- [27] Manit Arora, Justin A Paoloni, P. Kandwal, A. D. Diwan, Are Fast-Bowlers Prone to Back Injuries? Prevalence of Lumbar Spine Injuries in Fast-Bowlers: Review of MRI-Based Studies, *Asian Journal of Sports Medicine*, vol. 5, issue 4, 2014.
- [28] Žuvela Frane, Slađana Borović, Nikola Foretić, THE CORRELATION OF MOTOR ABILITIES AND JAVELIN THROWING RESULTS DEPENDS ON THE THROWING TECHNIQUE, *Physical Education and Sport*, Vol. 9, No 3, pp. 219 – 227, 2011.