Humanoid in Robotics

Jyoti Kumari[1,] Onkar Singh[2], Shreyansh Patel[3], Prof Pooja Mishra[4]

Students, Institute of Advance Computing, SAGE University Indore, MP, India[1,2,3]

Assistant Professor, SAGE University Indore, MP, India[4]

Abstract: *This research paper contains detailed statistics about the robotic methods and systems. Artificial intelligence is increasing in the marketplace. The market is receiving totally depending on artificial intelligence for responsibility the multifaceted tasks. Robotics is a greatest famous division in the area of manufacturing and sciences. All engineers are taking attention to make a robot. It can do a certain task and can give optimum result for the given task. Every robotic engineer is trying to mark a robot with 0% error but it is not possible at the current technological state. It will give you the correct answer for every question without any error. It uses its database for, how it works and how it senses works. It will be enough for getting good information about robotics and devices along with the system of robots.*

Keywords: Humanoid, Wavelet, Motherboard, Light Deflation

REFERENCES

[1]. Safsten, K. &Gustavsson, M., 2020. Research methodology for engineers and other problem solvers. Lund: Studentlitteratur AB.

[2]. V. Digani, L. Sabattini, C. Secchi, and C. Fantuzzi, "Towards decentralized coordination of multi robot systems in industrial environments: A hierarchical traffic control strategy," in Intelligent Computer Communication and Processing (ICCP), 2013 IEEE International Conference on, 2013, pp. 209-215.

[3]. Sharkey A, Sharkey N (2012) Granny and the robots: ethical issuesin robot care for the elderly. Ethics InfTechnol 14:27–40

[4]. R. Acuña, A. Terrones, N. Certad-H, L. Fermín-León, and G. Fernándex-López, "Dynamic Potential Field Generation Using Movement Prediction," presented at the CLAWAR 2012: Proceedings of the Fifteenth International Conference on Climbing and Walking Robots and the Support Technologies for Mobile Machines, Baltimore, MD, 2012.

[5]. F. Azizi and A. Howard, "Mobile Robot Position Determination," in Recent Advances in Mobile Robotics, A. Topalov, Ed., ed: In-Tech, 2011, pp. 69-82.

[6]. Van Oost E, Reed D (2011) Towards a sociological understanding of robots as companions. In: Lamers MH, Verbeek FJ (eds) Human-robot personal relationships (LNICTS 59). Springer, Heidelberg, pp 11–18

[7]. T. Hildebrandt, L. Frommberger, D. Wolter, C. Zabel, C. Freksa, and B. Scholz-Reiter, "Towards Optimization of Manufacturing Systems using Autonomous Robotic Observers," presented at the 7th CIRP International Conference on Intelligent Computation in Manufacturing Engineering (ICME 2010), 2010.

[8]. S. Angerer, R. Pooley, and R. Aylett, "MobComm: Using BDI-agents for the reconfiguration of mobile commissioning robots," in Automation Science and Engineering (CASE), 2010 IEEE Conference on, 2010, pp. 822-827.

[9]. Evans D (2010) Wanting the impossible. The Dilemma at theheart of intimate human-robot relationships. In: Wilks Y (ed)Close engagements with artificial companions. Key social, psychological, ethical and design issues. John BenjaminsPublishingCompany, Amsterdam, pp 75–88

[10]. L. L. Menegaldo, G. Ferreira, M. F. Santos, and R. S. Guerato, "Development and Navigation of a Mobile Robot for Floating Production Storage and Offloading Ship Hull Inspection," Industrial Electronics, IEEE Transactions on, vol. 56, pp. 3717-3722, 2009.

[11]. Sung J-Y, Grinter RE, Christensen HI, Guo L (2008) Housewives or technophiles? Understanding domestic robot owners. In: Proceedings of 3rd ACM/IEEE intelligent conference human robot interaction, Amsterdam. ACM, Georgia, pp 128–136. March 2008

[12]. Bill Gates (2007) A robot in every home. The leader of the PC revolution predicts that the next hot field will

be robotics. Sci Am 296:58–65

[13]. Pesante-Santana, J. A. &Woldstad, J. C., 2000. Quality Inspection Task in Modern Manufacturing. 11 ed. Industrial and Management Systems Engineering Faculty Publications.

[14]. Juran, J. & Godfrey, A. B., 1999. Juran's quality handbook. 5 ed. New York: McGrawHill.

[15]. E. Mihankhah, A. Kalantari, E. Aboosaeedan, H. D. Taghirad, S. Ali, and A. Moosavian, "Autonomous staircase detection and stair climbing for a tracked mobile robot using fuzzy controller," in Robotics and Biomimetics, 2008. ROBIO 2008. IEEE International Conference on, 2009, pp. 1980-1985.

[16]. Medith Wooldridge Thring (1964) A robot in the house. In: Calder N (ed) The world in 1984. Penguin Books, Baltimore