

References

[1] Liddell, Henry George; Scott, Robert; [A Greek–English Lexicon](#) at the [Perseus Project](#)

[2] www.amputee-coalition.org.

[3] Owings M, Kozak LJ,” Ambulatory and Inpatient Procedures in the United States”, National Center for Health, 1996.

[4] HCUP Nationwide Inpatient Sample. Healthcare Cost and Utilization Project (HCUP). Rockville, MD: Agency for Healthcare Research and Quality; 2009.

[5] Fisher ES, Goodman DC, Chandra A. A Brief Report of the Dartmouth Atlas Project, Disparities in Health and Health Care among Medicare Beneficiaries, Robert Wood Johnson Foundation 2008.

[6] Robbins JM, Strauss G, Aron D, Long J, Kuba J, Kaplan Y. Mortality Rates and Diabetic Foot Ulcers. Journal of the American Podiatric Medical Association, November 2008, 98(6)

[7] Pandian G, Hamid F, Hammond M.,” Rehabilitation of the Patient with Peripheral Vascular Disease and Diabetic Foot Problems”, Philadelphia, Lippincott-Raven 1998

[8] Richard F. ff. Weir, Ph.D.,” design of artificial arms and hands for prosthetic applications”, Digital Engineering Library @ McGraw-Hill

[9] Musa Hakan ASYALI, Mustafa YILMAZ,MahmutTOKMAKC,Kanber SEDEF4,BekirHakanAKSEBZEC,RohinMITTAL, “Design and implementation of a voice-controlled prosthetic hand” ,Turk J Elec Eng & Comp Sci, Vol.19, 2011

[10] Deepak Kumar, Mayank Gupta, Radhika Madhavan R Lal, S. R. Devasahayam, “Prosthetic Hand Control Using Audio Cues”, Indian Institute of Technology, Bombay Powai, Mumbai. 40007 6

[11] Gruppioni E., Saldutto B.G., Cutti A.G., Mainardi E., Davalli A.” A voice-controlled prosthesis, test of a vocabulary and development of the prototype” Prostheses Centre, Vigorso di Budrio, Italy Dept. of Engineering, University of Ferrara.

- [12] Ralph Alter, "Bioelectric control of prostheses" Massachusetts institute of technology, technical report 446, december, 1966
- [13] David Harvey and Benjamin Longstaff, "the development of a prosthetic arm ", Department of Mechanical Engineering, The University of Adelaide, Australia.
- [14] Steven den Dunnen, "The design of an adaptive finger mechanism for a hand prosthesis", number: 1047337, 10-11-2009
- [15] Chandrashekhar P. Shinde, " Design of Myoelectric prosthetic arm", International Journal of Advanced Science, Engineering and Technology, 2012
- [16] Paul Ventimiglia , "Design of a Human Hand Prosthesis", Worcester Polytechnic Institute, B.Sc. Thesis, April 2012.
- [17] Kathryn J. De Laurentis and Constantinos Mavroidis, " Mechanical design of a shape memory alloy actuated prosthetic hand", Robotics and Mechatronics Laboratory, Department of Mechanical and Aerospace Engineering, Rutgers University, The State University of New Jersey
- [18] Fabrizio Lotti & Gabriele Vassura, "A Novel Approach to Mechanical Design of Articulated Fingers for Robotic Hands", Mech. Eng. Dept, University of Bologna, Italy
- [19] Joseph T. Belter, Jacob L. Segil; Aaron M. Dollar, Richard F. Weir, "Mechanical design and performance specifications of anthropomorphic prosthetic hands", JRDD, Volume 50, Number 5, 2013
- [20] Giulia C Matrone, Christian Cipriani, Maria Chiara Carrozza and Giovanni Mageses, " Real-time myoelectric control of a multi-fingered hand prosthesis using principal components Analysis", journal of Neuroengineering and rehabilitation.
- [21] Grant McGimpsey and Terry C. Bradford, "Limb Prosthetics Services and Devices", Worcester Polytechnic Institution
- [22] PIC16F877A microcontroller, <http://www.microchip.com>.
- [23] Servo motors, <http://mechatronics.mech.northwestern.edu>.
- [24] Speech Recognition Circuit Board (SpeakUp), <http://www.mikroelektronika.com/speakUp.pdf>.