

REFERENCES

Arduino.cc. (2016). *Arduino - ArduinoBoardMega2560*.

"Arduino Motor Shield (L298N) (SKU:DRI0009) - Robot Wiki". *Dfrobot.com*. N.p., 2016. Web.

Babbs, Charles F. 'Oscillometric Measurement Of Systolic And Diastolic Blood Pressures Validated In A Physiologic Mathematical Model'. *BioMedical Engineering OnLine* 11.1 (2012): 56.

'Blood Pressure Measurement Guidelines For Physical Therapists'. *Cardiopulmonary Physical Therapy Journal* 22 (2011): 8.

"Blood Pressure Monitoring - Heart Failure - GUWS Medical". *Guwsmedical.info*. N.p., 2016. Web.

"Calculating The MAP | Nursingcenter". *Nursingcenter.com*. N.p., 2016. Web. 16 June 2016. *Healthysimulation.com*,. 'Vital Sign Simulator | Free Patient Monitor |'. N.p., 2015.

"DC Motor Speed Control Using PWM Modulation: Circuit Diagram & Code". *Engineersgarage.com*. N.p., 2016. Web. 16 June 2016.

Darovic, Gloria Oblouk. *Hemodynamic Monitoring: Invasive and Non-Invasive Clinical Application*, 2nd edition. Philadelphia: W.B. Saunders Company, 1995.

"Demystifying Piezoresistive Pressure Sensors - Application Note - Maxim". *Maximintegrated.com*. N.p., 2016. Web. 16 June 2016.

Geršak, G., Žemva, A., & Drnovšek, J. (2009). A procedure for evaluation of non-invasive blood pressure simulators. *Med Biol Eng Comput*, 47(12), 1221-1228. <http://dx.doi.org/10.1007/s11517-009-0532-2>.

Kaplan NM, Lieberman E (2002) Kaplan's clinical hypertension, 8th edn. Lippincott Williams & Wilkins, Philadelphia.

Komorowski, Matthieu, and Sarah Fleming. 'Intubation After Rapid Sequence Induction Performed By Non-Medical Personnel During Space Exploration Missions: A Simulation Pilot Study In A Mars Analogue Environment'. *Extreme Physiology & Medicine* 4.1 (2015): n. pag.

NI ELVIS - National Instruments. (2016). *Ni.com*. Retrieved 17 June 2016.

Nitzan, Meir. 'Automatic Noninvasive Measurement Of Arterial Blood Pressure'. *IEEE Instrum. Meas. Mag.* 14.1 (2011): 32-37.

Nitzan, Meir et al. "Automatic Noninvasive Measurement Of Systolic Blood Pressure Using Photoplethysmography". *BioMedical Engineering OnLine* 8.1 (2009): 28. Web.

Nursingcenter.com. (2016). *Calculating the MAP | NursingCenter*.

"MAP-AM-265 | DC MINI-MOTORS | MITSUMI". *Mitsumi.co.jp*. N.p., 2016. Web.

OMRON Healthcare | Blood Pressure Monitoring. (2016). *Omron-healthcare.com*. Retrieved 17 June 2016.

Parekh, Dhvani, "Designing Heart Rate, Blood Pressure and Body Temperature Sensors for Mobile On-Call System" (2010). *EE 4BI6 Electrical Engineering Biomedical Capstones*. Paper 39.

"Patent US20100076713 - Compact Oscillometric Blood Pressure Simulator". *Google Books*. N.p., 2016.

Patent US5027641 - Oscillometric non-invasive blood pressure simulator. *Google Books*. 2016. Available at: <https://www.google.com/patents/US5027641>.

Pickering, T. G. et al. "Response To Recommendations For Blood Pressure Measurement In Human And Experimental Animals; Part 1: Blood Pressure Measurement In Humans And Miscuffing: A Problem With New Guidelines: Addendum". *Hypertension* 48.1 (2006): e5-e6.

Pickering, Thomas. "The Measurement Of Blood Pressure In Developing Countries". *Blood Pressure Monitoring* 10.1 (2005): 11-12. Web.

Pollard, C. et al. '146 Could Placement Of The Blood Pressure Cuff Over The Elbow Rather Than The Upper Arm Increase The Accuracy Of Automatic Blood Pressure Machines In The Detection Of Systolic Blood Pressure?'. *Heart* 101.Suppl 4 (2015): A84-A84.

"SIX SIGMA Glossary: Repeatability And Reproducibility". *Micquality.com*. N.p., 2016. Web.

"The 2012 International Vocabulary Of Metrology: "VIM"". *Chemistry International -- Newsmagazine for IUPAC* 34.3 (2012).

Udel.edu,. 'Sphygmomanometer'. N.p., 2015.

"Understanding Blood Pressure Readings". *Heart.org*. N.p., 2016. Web.

Verrill, S. P and Richard A Johnson. *Confidence Bounds And Hypothesis Tests For Normal Distribution Coefficients Of Variation*. Madison, WI: U.S. Dept. of Agriculture, Forest Service, Forest Products Laboratory, 2007. Print.

