DAFTAR PUSTAKA

Agustian, I., Daratha, N., Faurina, R., Suandi, A., & Sulistyaningsih, S. (2021b). Robot Manipulator Control with Inverse Kinematics PD-Pseudoinverse Jacobian and Forward Kinematics Denavit Hartenberg. Jurnal Elektronika Dan Telekomunikasi, 21(1), 8. https://doi.org/10.14203/jet.v21.8-18

Afiyah, A. R. (2013). Penanganan pembelajaran pada Anak Berkebutuhan khusus terutamapada Tuna Daksa di MI NURUL HUDA SEDAATI. *Journal of Chemical Information and Modeling*, *53*(9), 1689–1699.

Afiyah, A. R. (2013). Penanganan pembelajaran pada Anak Berkebutuhan khusus terutamapada Tuna Daksa di MI NURUL HUDA SEDAATI. *Journal of Chemical Information and Modeling*, *53*(9), 1689–1699.

Alfianto, M. A., Sugandi, B., & Toar, H. (2017). Kendali Lengan Robot Manipulator Menggunakan Kamera Stereo. *Journal of Applied Electrical Engineering*, 1–6.

Arif, M., Huda, N., Susilo, H., & Adhi, P. M. (2022). IMPLEMENTATION OF INVERSE KINEMATIC AND TRAJECTORY PLANNING ON 6-DOF ROBOTIC ARM FOR STRAIGHT-FLAT WELDING MOVEMENT. In Journal of Engineering Design and Technology (Vol. 22, Issue 1). http://ojs2.pnb.ac.id/index.php/LOGIC

Barua, R., Shuvra Kumar, S., Mallik, A., Singh, A., & Professor, A. (2021). Experimental Analysis the Dynamic Model of 3DOF Robotic Arm Fabrication of internal vascular channel. View project Bio-Robotics View project Experimental Analysis the Dynamic Model of 3DOF Robotic Arm. www.matjournals.com

Ben-Ari, M., & Mondada, F. (2018). Kinematics of a Robotic Manipulator. In Elements of Robotics (pp. 267–291). Springer International Publishing. https://doi.org/10.1007/978-3-319-62533-1_16

Bozma, H. I. (2019). EE 451-Kinematics & Inverse Kinematics Forward & Inverse kinematics Introduction Robotic Systems

Caccianiga, P., Bader, A. A., Erba, P., & Caccianiga, G. (2022). *Periodontal Maintenance Therapy : Efficacy of Oral Irrigator in the Home Oral Hygiene Protocol Associated with Microbiological Analysis with Phase Contrast Microscope*.

Covid-, U. P., Sander, A., Kom, M., Pujianto, D., & Kom, M. (2022). Membangun Perangkat Bilik Masker Otomatis untuk Pencegahan Covid-19. *Jurnal Teknik Informatika Mahakarya*, *5*(1), 1–8.

Defra Nugraha, I., Putu, D., & Santika, M. (2021). Pendekatan Geometri untuk Perhitungan Inverse Kinematics Gerakan Lengan Robot 4 Derajat Kebebasan. 5(1).

Didi, M., Marindani, E. D., & Elbani, A. (2015). Rancang Bangun Pengendalian Robot Lengan 4 DOF dengan GUI (Graphical User Interface) Berbasis Arduino Uno. *Jurnal Teknik Elektro*, *2*(3), 1–11. https://jurnal.untan.ac.id/index.php/jteuntan/article/view/14580

DONE- Development of Smart Toothbrush Monitoring System for. (n.d.).

Febriansyah, A. A., Candra, H., & Sulaiman, S. (2022). Implementasi Voice Recognition pada Pengendalian Pergerakan Lengan Robot. Jurnal Ecotipe (Electronic, Control, Telecommunication, Information, and Power Engineering), 9(1), 87–96. https://doi.org/10.33019/jurnalecotipe.v9i1.2556

Hasnah Siaahan1, Armanila2, V. (2022). Studi Kasus : Penanganan Anak Tunadaksa (Cerebral Palsy). *Jurnal Pelangi*, *4*(1), 1–23.

Herath, D., & St-Onge Eds, D. (n.d.). Foundations of Robotics A Multidisciplinary Approach with Python and ROS.

Hilal, A., dan Manan, S., (2013), "Pemanfaatan Motor Servo sebagai Penggerak CCTV untuk Melihat Alat-Alat Monitor dan Kondisi Pasien di Ruang ICU", Gema Teknologi, vol. 17, no.2.

Ihsan, I. P., Buwarda, S., Novianty, H., Putra, I. A., & Fajar, U. (2021). Voice Recognition Untuk Otomatisasi Sistem Pengakses Pintu. JSAI : Journal Scientific and Applied Informatics, 4(01). https://doi.org/10.36085

J.Denavit, R.S.Hartenberg, A kinematic notation for lower-pair mechanisms based on matrices, Transactions ASME Journal of Applied Mechanics, 1955

Juliatri, J. (2013). Status Kebersihan Mulut Dan Karies Gigi Pada Orang Cacat Di Panti Sosial Bina Daksa Wirajaya Makassar. *Jurnal Biomedik (Jbm)*, *2*(2), 112–120. https://doi.org/10.35790/jbm.2.2.2010.850

Kencana IGS. 2014. Peranan Perawat Gigi dalam Pemeliharaan Kesehatan Gigi dan Mulut pada Anak Berkebutuhan Khusus (Disabled Children). Jurnal Kesehatan Gigi. 2(2) : 260-265.

Latifa, U., dan Saputro, J. S., (2018), "Perancangan Robot Arm Gripper Berbasis Arduino Uno Menggunakan Antarmuka Labview", Jurnal Barometer, vol.3, no.2, pp. 138 – 141.

Lee, J., Lee, T., Jung, H. I., Park, W., & Song, J. S. (2023). Effectiveness of an Oral Health Education Program Using a Smart Toothbrush with Quantitative Light-Induced Fluorescence Technology in Children. *Children*, *10*(3). https://doi.org/10.3390/children10030429

Loe, H. Oral hygiene in the prevention of caries and periodontal disease. Int. Dent. J. 2000, 50, 129–139. [CrossRef]

Marinho, M. M., Lin, H.-C., & Zhao, J. (2023). Umirobot: An open-{software,hardware} low-cost robotic manipulator for Education. 2023 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS). https://doi.org/10.1109/iros55552.2023.10341347

Maulana, M. R., Setyawardhana, R. H. D., & Hamdani, R. (2022). Dentin Jurnal Kedokteran Gigi. *Dentin Jurnal Kedokteran Gigi*, *4*(2), 59–64.

Nookala, J., Gogineni, P., & Babu, S. (2013). Kinematic Analysis of 3 D.O.F of Robot. International Journal of Engineering and Advanced Technology. www.ijeat.org

Ramish, Hussain, S. B., & Kanwal, F. (2017). Design of a 3 DoF robotic arm. 2016 6th International Conference on Innovative Computing Technology, INTECH 2016, 145–149. https://doi.org/10.1109/INTECH.2016.7845007

Reddy, A. C., (2014). Difference Between Denavit-Hartenberg (D-H) Classical and Modified Conventions for Forward Kinematics of Robot with Case Study, AMMT.

Rendyansyah, R., Prasetyo, A. P. P., Exaudi, K., Sembiring, S., Tarigan, B. A., & Amaria, M. A. (2022). Pergerakan Robot Lengan Pengambil Objek Dengan Sistem Perekam Gerak Berbasis Komputer. JTEV (Jurnal Teknik Elektro Dan Vokasional), 8(2), 230. https://doi.org/10.24036/jtev.v8i2.113147

Rohman, F., & Candra, F. (n.d.). Pengenalan Suara Untuk Penggerak Robot Lengan dengan Metode LPC dan ANN Menggunakan Perangkat Raspberry Pi 3. In Jom FTEKNIK (Vol. 8).

Rónai, L. (2016). Kinematical investigation and regulation of a 4DOF model robot. 20(3). www.actamechanica.sk.

Rosyida, A., Kiswaluyo, K., & Dwiatmoko, S. (2020). Efektivitas Alat Sikat Gigi Otomatis Wall Mounted untuk Disabilitas pada SLB di Jember terhadap Indeks Kebersihan Mulut. *Pustaka Kesehatan*, *8*(3), 173. https://doi.org/10.19184/pk.v8i3.11978

Salim, A. I., Saragih, Y., & Hidayat, R. (2020). Implementasi Motor Servo SG 90 Sebagai Penggerak Mekanik Pada E. I. Helper (ELECTRONICS INTEGRATION HELMET WIPER). *Electro Luceat*, *6*(2), 236–244. https://doi.org/10.32531/jelekn.v6i2.256

Sanjaya, A. A. (2019). File Menyikat Gigi Bab 2. *Jurnal Skala Husada*, *10*(2), 194–199. http://www.poltekkes-denpasar.ac.id/files/JSH/JSH V10N2.pdf#page=84

Sarlati, F., Azizi, A., Zokaei, N., Mohaghegh Dolatabadi, N., Hasanzadegan Roudsari, M., & Moradi Hajiabadi, A. (2016). Comparison of the Plaque Removal Efficacy of Aquajet Water Flosser and Dental Floss in Adults After a Single Use. (A PrelimiNary Study). *Journal of Research in Dental and Maxillofacial Sciences*, *1*(4), 16–25. https://doi.org/10.29252/jrdms.1.4.16

Seviarica, H. P., Fandi, A., Sukma, B. A., Tri, A. S., & Fauzi, R. (2021). Karakteristik dan Pengembangan Pelayanan Pendidikan Islam Anak Tunadaksa. *ANWARUL : Jurnal Pendidikan Dan Dakwah*, *1*(1), 102–120.

Setiawan, S., & Rahmadya, B. (n.d.). PENERAPAN INVERS KINEMATIKA UNTUK PERGERAKAN KAKI ROBOT BIPED.

Siswaja, H. D. (2008). Prinsip Kerja dan Klasifikasi Robot. *Media Informatika*, *7*(3), 147–157.

Somantri Sutjihati. 2006. Psikologi Anak Luar Biasa. Bandung: Refika Aditama. Ahmadi Abu, & Supriyono Widodo. 2004. Psikologi Belajar. Jakarta: Rineka Cipta.

Spong, M. W., Hutchinson, S., Vidyasagar M., (2005) Robot Modeling and Control, ISBN-10: 0471649902, ISBN-13: 978-0471649908, Edition: 1

Stark, B., & Samarah, M. (2018). Mac7: Adaptive Smart Toothbrush. *Proceedings - 2018 International Conference on Sensing, Diagnostics, Prognostics, and Control, SDPC 2018*, 153–158. https://doi.org/10.1109/SDPC.2018.8664828

Sulaiman, I., Salam, M. O., Adeoti, M. O., Saraki, Y. A., & Tanimu, Y. (2018). Development of a Robot Arm: A Review. *8th National Engineering Conference, Nigeria*, *December*. http://www.bbc.co.uk

Sutono, S., & Al Anwar, F. (2020). Perancangan dan Implementasi Smartlamp berbasis Arduino Uno dengan menggunakan Smartphone Android. *Media Jurnal Informatika*, *11*(2), 36. https://doi.org/10.35194/mji.v11i2.1036

Syukranullah, Bukhari, & Amalia, I. (2019). Rancang Bangun Robot Lengan Berbasis Mikrokontroler Arduino Uno. *Jurnal Mesin Sains Terapan*, *3*(1), 7–10.

Tantowi, D., & Yusuf, K. (2020). Simulasi Sistem Keamanan Kendaraan Roda Dua Dengan Smartphone dan GPS Menggunakan Arduino. *Jurnal ALGOR*, *1*(2), 9–15.

Ting, H. Z., Zaman, M. H. M., Ibrahim, M. F., & Moubark, A. M. (2021). Kinematic Analysis for Trajectory Planning of Open-Source 4-DoF Robot Arm. International Journal of Advanced Computer Science and Applications, 12(6), 769–777. https://doi.org/10.14569/IJACSA.2021.0120690

Uchrowi, A., Lasmadi, L., & Soekarno, S. (2019). Pemodelan dan Simulasi Robot

Lengan 3 DOF Menggunakan V-REP. *Avitec*, *1*(1), 87–98.
https://doi.org/10.28989/avitec.v1i1.489

Widodo, Z. D., P, E. A. M., Indarto, W., & Ismaryati. (2014). Meningkatkan
Potensi Gerak Kasar Anak Tunadaksa Ringan Melalui Pendekatan Bermain.
Jrr, *23*(1), 39–49.

Zefani, R., Zurendra, A., Maulana, R., & Fitriyah, H. (2020). Implementasi Inverse
Kinematics Pada Robot Lengan Untuk Pengambilan Benda Dengan
Koordinat Awal Acak (Vol. 4, Issue 2). http://j-ptiik.ub.ac.id