

DAFTAR PUSTAKA

- [1] INTERNATIONAL ATOMIC ENERGY AGENCY, "Radiotherapy in Cancer Care: Facing the Global Challenge," 2017, [Online]. Available: https://www-pub.iaea.org/MTCD/Publications/PDF/P1638_web.pdf. [Accessed 12 Augustus 2023].
- [2] Andrew Murphy, "Beam collimators," 15 April 2023, [Online]. Available: <https://radiopaedia.org/articles/beam-collimators?lang=us>. [Accessed 12 Augustus 2023].
- [3] Xin Zhang, Jianwu Dang, Yangping Wang, "Design of the Position Controller for the Leaves of MLC Based on Anti-windup," 2016, pp. 580. DOI: 10.2991/icsnce-16.2016.112.
- [4] G.X.Zhu, "Research on Several Key Techniques of Clinic of Multi-leaf Collimator Radiation Therapy System," 2008
- [5] Pascalia Agno Marina Huki, Gusti Ngurah Sutapa, I Wayan Balik Sudarsana, "Pengaruh Multi Leaf Collimator (MLC) Terhadap Besar Dosis Yang

- Diterima Bagian Kepala Pasien Kanker Otak," 2023, vol. 7, no. 1, pp 63-70. DOI: 10.29408/kpj.v7i1.6633.
- [6] McMahon, Ryan, Lech Papiez, and Dharanipathy Rangaraj, "Dynamic-MLC leaf control utilizing on-flight intensity calculations: A robust method for real-time IMRT delivery over moving rigid targets," 2007, DOI: 10.1118/1.2750964.
- [7] Ahmad SS, Duke S, Jena R, Williams MV, Burnet NG, "Advances in radiotherapy," December 2012, DOI: 10.1136/bmj.e7765.
- [8] Bortfeld T, Jiang SB, Rietzel E., "Effects of motion on the total dose distribution," January 2004, pp. 41-51. DOI: 10.1053/j.semradonc.2003.10.011.
- [9] Sawant A, Venkat R, Srivastava V, Carlson D, Povzner S, Cattell H, Keall P., "Management of three-dimensional intrafraction motion through real-time DMLC tracking," May 2008, pp. 2050-2061. DOI: 10.1118/1.2905355.
- [10] Pascalia Agno Marina Huki, Gusti Ngurah Sutapa, I Wayan Balik Sudarsana, "Pengaruh Multi Leaf Collimator (MLC) Terhadap Besar Dosis Yang

Diterima Bagian Kepala Pasien Kanker Otak," 2023, vol. 7, no. 1, pp 63-70. DOI: 10.29408/kpj.v7i1.6633.

- [11] G.J. Van Der Plaats, "MEDICAL X-RAY TECHNIQUES IN DIAGNOSTIC RADIOLOGY," 1980, pp. 35. DOI: 10.1007/978-94-009-8785-2.
- [12] Bernard L. Cohen, "Cancer risk from low-level radiation," 2002, pp. 1138. DOI: 10.2214/ajr.179.5.1791137.
- [13] M. Vretenar, "Linear Accelerators," 2013, pp. 259. DOI: 10.5170/CERN-2014-009.295.
- [14] Andreas Böhler, "Collimator-Based Tracking with an Add-On Multileaf Collimator," 2016, pp. 3-5. DOI: 10.1007/978-3-658-10658-4.
- [15] Felda Souisa¹ Ratnawati² Balik Sudarsana³ "PENGARUH PERUBAHAN JARAK OBYEK KE FILM TERHADAP PEMBESARAN OBYEK PADA PEMANFAATAN PESAWAT SINAR-X, Type CGR", 80361, [Online] Available : <https://ojs.unud.ac.id/index.php/buletinfisika/article/view/3080>
- [16] Arduino, "Arduino Mega 2560 Rev3," 25

- November 2021, [Online]. Available: <https://store.arduino.cc/products/arduino-mega-2560-rev3>.
- [17] Unknown, "NEMA 17 Stepper Motors," [Online]. Available: <https://www.electromate.com/automation-components/stepper-motors/nema-stepper-motors/nema-17-stepper-motors/>. [Accessed 13 Oktober 2023].
- [18] Handson Technology, "TB6600 4.0A Stepper Motor Driver," 2017, [Online]. Available: <http://www.handsontec.com/dataspecs/TB6600-Motor-Driver.pdf> [Accessed 12 Augustus 2023].
- [19] Wayne Storr, "Switch Mode Power Supply," 4 Augustus 2021, [Online]. Available: <https://www.electronics-tutorials.ws/power/switch-mode-power-supply.html>. [Accessed 17 Augustus 2023].
- [20] Karan Sotoodeh, "Prevention of Actuator Emissions in the Oil and Gas Industry," 2021, [Online]. Available: <https://www.sciencedirect.com/topics/engineering/pinion>. [Accessed 12 Augustus 2023].