

REFERENCES

- [1] M. Ioannides, Design and implementation of PLC-based monitoring control system for induction Motor, *IEEE Transaction on Energy Conversion*, vol.19, no.3, pp.469 - 476(2004).
- [2] H. Harris and N. C. Durham, "Wire striping machine," United State Patent 2,880,635, April 7, 1992.
- [3] C. Lucien and C. Ducret. "Automatic cable measuring and cutting machine", <https://patentimages.storage.googleapis.com/4b/19/ce/65429533962ad9/US4476754.pdf>, 2017.
- [4] D. W. Russell, "Application of PLC's as front-end pre-processors in factory information systems", *The International Journal of Advanced Manufacturing Technology*, vol.6, no. 4, pp. 364-377, Sep 5, 1999.
- [5] D. O. Carrica, S. A. González and M. Benedetti, A high speed velocity control algorithm of multiple stepper motors, *Mechatronics*, vol.14, no.6, pp. 675-684, July 5, 2004.
- [6] O. T Sawant, S Patil. "Development and Designing of Automatic Wire Cutting System using Microcontroller". *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering*, Vol. 6, June 6, 2017.
- [7] Ms. Poonam Mane, Ms. Shalaka Mali. "Automatic wire cutting machine". *International Research Journal of Engineering and Technology (IRJET)*, Vol 4, Feb 02, 2017.
- [8] Kunshan. "Pfl-02 Led Factory Used Electric Automatic Cable Wire Stripping Machine". [online]: https://www.alibaba.com/product-detail/PFL-02-LED-Factory-Used-Electric_62125215025.html?spm=a2700.7735675.normalList.1.kC34gX, 2017.
- [9] P. Cleaveland, Programmable Controllers Adapt to New Industry Needs, *Control Solutions*, vol.4, no.1, pp. 47-50(2001).
- [10] D. Koch, Meggen. "Apparatus for cutting and insulation stripping of an electrical cable," April 5 2016.
- [11] A. Virkler and S. Jackson, "Wire strip and crimp tool", United State Patent, 0113804 A1, April 30, 2015.
- [12] S. Viviroli, B. Zemp and C. Schnellmann, "Method of striping a cable," United State Patent 9,397,488 B2, July19, 2016.
- [13] P. Wagner, M. Fey, "Method of cutting material to be cut," United State Patent 0054645 A1, Feb 21, 2019.

- [14] “3D Printer Motor Synchronous Timing Belt Pulley Wheel”, [online]
https://www.ebay.com/itm/4-10mm-Bore-XL10-20-25-30-3D-Printer-Motor-Synchronous-Timing-Belt-Pulley-Wheel/232260319917?_trkparms=aid%3D555018%26algo%3DPL.SIM%26ao%3D1%26asc%3D20131003132420%26meid%3Dce6de92d97d643b09346c72fc52f0253%26pid%3D100005%26rk%3D6%26rkt%3D12%26sd%3D231276239643%26itm%3D232260319917%26pg%3D2047675&_trksid=p2047675.c100005.m1851,2017.
- [15] “Stepper motor torque characteristics”, [online]
https://www.researchgate.net/figure/Stepper-motor-torque-characteristics-Appendix-E-Data-Sheets_fig10_299134929, 2016.
- [16] “Position Control of Stepping Motor”, [online] <http://www.rroj.com/open-access/pdfdownload.php?download=position-control-of-stepping-motor.pdf&aid=42947>, 2017
- [17] S. Temel and Yagil, “Discrete time control system”, [online]
<https://www.academia.edu/27666692/EE402RecitationReport>, 2017
- [18] “L296 Monolithic Power Switching Regulator Data sheet,” SCG Microelectronics, Australia.
- [19] G. Frey and L. Litz, Formal methods in PLC programming, IEEE International Conference, vol.4, no.7, pp. 2431-2436, Dec 5, 2000.
- [20] R. Ali and M. A. Shuail, “Direct Load Control Using a Programmable Logic Controller”. Electric Power Systems Research, vol.52, no.3, pp. 211-216, Sep 5, 1999.
- [21] K Ball, PLC I/O systems news, views and networks, Control Engineering, vol.44, no.14, pp. 81-88, April 23, 1997.