



















- injection. *IEEE Transactions on Power Electronics*, 31(7): 5141–5148.  
<https://doi.org/10.1109/TPEL.2015.2479410>
- [17] Abdelhadi, B., Benoudjit, A., Nait-Said, N. (2005). Application of genetic algorithm with a novel adaptive scheme for the identification of induction machine parameters. *IEEE Transactions on Energy Conversion*, 20(2): 284–291.  
<https://doi.org/10.1109/TEC.2004.841508>
- [18] Castaldi, P., Geri, W., Montanari, M., Tilli, A. (2005). A new adaptive approach for on-line parameter and state estimation of induction motors. *Control Engineering Practice*, 13(1): 81–94.  
<https://doi.org/10.1016/j.conengprac.2004.02.008>
- [19] Delfine, L., Salvatore, L. (2005). Grey-box identification of induction motor model for field oriented control. *Industrial Electronics, 2005. ISIE 2005. Proceedings of the IEEE International Symposium*, 1: 13–18.  
<https://doi.org/10.1109/ISIE.2005.1528881>
- [20] Arrofiq, M., Saad, N., Karsiti, M.N. (2009). An Identification of model for integrated variable speed drive, induction motor and dynamometer. *Industrial Electronics & Applications, 2009. ISIEA 2009. IEEE Symposium on*, 1: 337–342.  
<https://doi.org/10.1109/ISIEA.2009.5356457>
- [21] Mohamed, F.A., Koivo, H. (2004). Modeling of induction motor using non-linear neural network system identification. *SICE 2004 Annual Conference*, 2: 977–982.
- [22] Saleem, A., Issa, R., Tutunji, T. (2010). Hardware-in-the-loop for on-line identification and control of three-phase squirrel cage induction motors. *Simulation Modelling Practice and Theory*, 18(3): 277–290.  
<https://doi.org/10.1016/j.simpat.2009.11.002>
- [23] Akbari, A., Rahbar, K., Taghiabad, M.J.M. (2006). Induction motor identification using Elman neural network. *WSEAS Trans. Syst*, 5(4): 766–770.
- [24] Elman, J.L. (1990). Finding structure in time. *Cognitive Science*, 14(2): 179–211.  
[https://doi.org/10.1207/s15516709cog1402\\_1](https://doi.org/10.1207/s15516709cog1402_1)
- [25] Sadr, S., Khaburi, D.A., Rivera, M. (2016). A new hardware device to simulate the movement of electric train wheel on rail. *2016 7th Power Electronics and Drive Systems Technologies Conference (PEDSTC)*, pp. 87–92. <https://doi.org/10.1109/PEDSTC.2016.7556843>
- [26] Casadei, D., Profumo, F., Serra, G., Tani, A. (2002). FOC and DTC: Two viable schemes for induction motors torque control. *Converter Technology & Electric Traction*, 17(5): 779–787.  
<https://doi.org/10.1109/TPEL.2002.802183>
- [27] Ohtani, T., Takada, N., Tanaka, K. (1992). Vector control of induction motor without shaft encoder. *IEEE Transactions on Industry Applications*, 28(1): 157–164.  
<https://doi.org/10.1109/IAS.1989.96697>
- [28] Nowak, R.D., Van Veen, B.D. (1993). Nonlinear system identification with pseudorandom multilevel excitation sequences. *Acoustics, Speech, and Signal Processing, 1993. ICASSP-93., 1993 IEEE International Conference on*, 4: 456–459.  
<https://doi.org/10.1109/ICASSP.1993.319693>
- [29] Zhu, Y. (2001). *Multivariable system identification for process control*. Elsevier. <https://doi.org/10.1016/b978-008043985-3/50011-9>
- [30] van den Bosch, P.P.J., van der Klauw, A.C. (1994). *Modeling, identification and simulation of dynamical systems*. CRC Press.
- [31] Tulleken, H.J.A.F. (1990). Generalized binary noise test-signal concept for improved identification-experiment design. *Automatica*, 26(1): 37–49.  
[https://doi.org/10.1016/0005-1098\(90\)90156-c](https://doi.org/10.1016/0005-1098(90)90156-c)
- [32] Zhu, Y.C. (2000). Identification of Hammerstein models for control using ASYM. *International Journal of Control*, 73(18): 1692–1702.  
<https://doi.org/10.1080/00207170050201771>
- [33] Jelali, M., Kroll, A. (2012). *Hydraulic servo-systems: modeling, identification and control*. Springer Science & Business Media. <https://doi.org/10.1007/978-1-4471-0099-7>
- [34] Arabaci, H., Bilgin, O. (2012). A novel motor speed calculation method using square wave speed sensor signals via fast Fourier transform. *Turkish Journal of Electrical Engineering and Computer Sciences*, 20(1): 1090–1099.