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## 8. CONCLUSION

A conclusion section is not required. Although a conclusion may review the main points of the paper, do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions.

## APPENDIX

Appendixes, if needed, appear before the acknowledgment.

## ACKNOWLEDGMENT

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## REFERENCES

1. R. Roy, and T. Kailath, "ESPRIT - estimation of signal parameters via rotational invariance techniques," *IEEE Trans. Acoust. Speech Signal Process*, Vol. 37, no. 7, pp. 984-995, Jul. 1989.
2. V. Wowk, Machinery Vibration, Measurement and Analysis. New York: McGraw-Hill, 1991.
3. Case Western Reserve University Bearing Data Center. Available: <http://csegroups.case.edu/bearingdatacenter/pages/downloaddata-file>, accessed Apr. 2013.
4. B. Li, M.-Y. Chow, Y. Tipsuwan, and J. C. Hung, "Neural network based motor rolling bearing fault diagnosis," *IEEE Trans. Ind. Electron.*, Vol. 47, no. 5, pp. 1060-1069, Oct. 2000.
5. J. Altmann, and J. Mathew, "Multiple band-pass autoregressive demodulation for rolling element bearing fault diagnosis," *Mech. Syst. Signal Process.*, Vol. 15, no. 5, pp. 963-977, Sep. 2001.
6. B. Samanta, and K. R. Al-Balushi, "Artificial neural network based fault diagnostics of rolling element bearings using time domain features," *Mech. Syst. Signal Process.*, Vol. 17, no. 2, pp. 317-328, Mar. 2003.
7. B. S. Yang, T. Han, and J. L. An, "ART\_KOHONEN neural network for fault diagnosis of rotating machinery," *Mech. Syst. Signal Process.*, Vol. 18, no. 3, pp. 645-657, May 2004.
8. L. Zhang, L. B. Jack, and A. K. Nandi, "Fault detection using genetic programming," *Mech. Syst. Signal Process.*, Vol. 19, no. 2, pp. 271-289, Mar. 2005.
9. A. Saxena, and A. Saad, "Evolving an artificial neural network classifier for condition monitoring of rotating mechanical systems," *Appl. Soft Computer.*, Vol. 7, no. 1, pp. 441-454, Jan. 2007.
10. B. Zhang, C. Sconyers, C. Byington, R. Patrick, M. Orchard, and G. Vachtsevanos, "A probabilistic fault detection approach: Application to bearing fault detection," *IEEE Trans. Ind. Electron.*, Vol. 58, no. 5, pp. 2011-2018, May 2011.
11. Y. Jianbo, "Local and nonlocal preserving projection for bearing defect classification and performance assessment," *IEEE Trans. Ind. Electron.*, Vol. 59, no. 5, pp. 2363-2376, May 2012.
12. M. D. Prieto, G. Cirrincione, A. G. Espinosa, J. A. Ortega, and H. Henao, "Bearing fault detection by a novel condition-monitoring scheme based on statistical-time features and neural networks," *IEEE Trans. Ind. Electron.*, Vol. 60, no. 8, pp. 3398-3407, Aug. 2013.

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