REFERENCES

- Atlam, A., Omar, A. A., Waheed, A. F., Shafy, M., and Habashy, M. 2010. Non destructive testing measurement for monitoring pitting corrosion using DCPD techniques. Proceedings of the 4th Environmental Physics Conference 1 (2011) 133-139.
- Baranov, V. M. 2007. Acoustic emission in friction. Elservier Publishing.
- Carlos M. F. 2003. Acoustic emission: Heading the Warning Sound from Materials. ASTM Acoustic emission Standard.
- Fan-Bean, W. and Jenq-Gong, D. 2002. Scratch behavior and in situ acoustic emission analysis of PVD chromium nitride coatings on mild steel with electroless nickel interlayers. Surface and Coatings Technology 162 (2002) 106–112.
- Garcia, R., Lopez, V. H., and Bedolla, E. 2002. *MIG welding process with indirect electric arc.* Journal of Materials Science Letters **21** (2002) 1965–1967.
- Grosse, C. U. and Ohtsu, M. 2008. Acoustic emission Testing, Springer, Technology & Engineering.
- Kasai, N., Utatsu, K., Park, S., Kitsukawa, S., and Sekine, K. 2009. Correlation between corrosion rate and AE signal in an acidic environment for mild steel. Corrosion Science 51 (2009) 1679–1684.
- Miller R. K., Hill, E. K., and Moore, P. 2005. *Acoustic emission Testing*. American Society for Nondestructive Testing.
- Muravin, B. 2009. Acoustic emission Wave Propagation and Source Location.

- Reddy, L. K. 2007. *Principles of Engineering Metallurgy*. New Age International Publishing.
- Singh, S. K., Srinivasan, K., and Chakraborty, D. Acoustic emission studies on metallic specimen under tensile loading. Materials and Design 24 (2003) 471–481.
- Sun, L., Li, Y., Li, C., Wamg, L., and Wu, J. Active Defect Detection and Localization Using Acoustic emission Method. 2010. World Congress on Intelligent Control and Automation 8 (1) 5348-5351.
- Suresha, C. N., Rajaprakash, B. M., and Sarala, U. 2009. Applicability of Acoustic emission in the Analysis of Friction Stir Welded Joints. International Journal of Recent Trends in Engineering 1 (5) 86-89.
- Taban, E. and Kaluc, E. 2007. Comparison between microstructure characteristics and joint performance of 5086-H32 aluminum alloy welded by MIG, TIG and friction stir welding process. Kovove Mater. 45 (2007) 241–248.
- Wang, J. and Chen, W. 2007. *Piezoelectricity, acoustic emission and device applications*. Boca Raton: CRC Press.
- Zhu, S., Wang, Q., Yin, F., Liang, Y., and Wang, X. 2011. Research on Thermal Process of MIG Welding of Aluminum Alloy with Longitudinal magnetic Field. The Open Mechanical Engineering Journal 5 (2011) 32-38.