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- [6] D. Weisser, "A wind energy analysis of Grenda: an estimation using the Weibull density function", in *Renewable Energy*, vol. 28, 2003, pp.1803-1815.
- [7] M. Jureczko, M. Pawlak, and A. Myk, "Optimisation of wind turbine blades", in *Journal of Materials Processing Technology*, vol. 167, issues 2-3, 2005, pp. 463-471.
- [8] M. Islam, S.K. Ting, and A. Fartaj, "Aerodynamic models for Darrieus-type straight-bladed vertical axis wind turbines", in *Renewable and Sustainable Energy Reviews*, Vol. 12, Issue 4, 2008, pp. 1087-1109.
- [9] Quiet Revolution Ltd, *Vertical Axis Wind Turbine Radar Impact Assessment*. [Accessed on: 13/06/2012]. Available from: [www.quietrevolution.com/qr5-turbine.htm](http://www.quietrevolution.com/qr5-turbine.htm)
- [10] N. Tandon and A. Choudhury, "A review of vibration and acoustic measurement methods for the detection of defects in rolling element bearings", in *Tribology International*, vol. 32, issue 8, 1999, pp. 469-480.
- [11] C. Gregor and B. Miha, "Dynamics of a belt-drive system using a linear complementarity problem for the belt-pulley contact description", in *Journal of Sound and Vibration*, vol. 319, issues 3-5, 2009, pp. 1019-1035.
- [12] S. Nilabh and H. Imtiaz, "A review on belt and chain continuously variable transmissions (CVT): Dynamics and Control", in *Mechanism and Machine Theory*, vol. 44, issue 1, 2009, pp. 19-41.
- [13] P. Ettore, et al, "Efficiency evaluation of gearboxes for parallel hybrid vehicles: Theory and Applications" in *Mechanism and Machine Theory*, vol. 49, 2012, pp. 157-176.
- [14] J.E. Bruemmer, F.R. Williams, and G.V. Schmitz, "Efficient design in a DC to DC converter unit," in *Energy Conversion Engineering Conference, 37th Intersociety*, USA, 2002, pp. 56-60.
- [15] K. Pill-Soo and K. Yong, "A future cost estimation on small DC motor using learning curve analysis", in *Proceedings of Power Electronics and Drive Systems*, vol. 2, 2001, pp. 565 570, 10.1109/PEDS.2001.975380.
- [16] "Efficiency in small permanent magnet DC generators", [Accessed on: 13/06/2012], Available from: [www.windstreampower.com/documents](http://www.windstreampower.com/documents).
- [17] K.C. Divya, "Battery energy storage technology for power systems - An overview," in *Electric Power Systems Research*, vol. 79, issue 4, 2009, pp. 511-520.
- [18] C.N. Nirmal-Kumar and N., Garimella, "Battery energy storage systems: Assessment for small-scale renewable energy integration", in *Energy and Buildings*, vol. 42, issue 11, 2010, pp. 2124-2130.
- [19] J. Dunbar, "High performance nickel metal hydride batteries", *WESCON/94Idea/Microelectronics Conference Record*, Anaheim, CA, USA, 1994.