References:

- [1] A. J. Howlader and A. S. M. A. Matin. "Observations on the pre-harvest infestation of paddy by stored grain pests in Bangladesh," *Journal of Stored Products Research*, vol. 24, no. 4, pp. 229-231, 1988.
- [2] O. Kunze. "Effect of Drying on Grain Quality-Moisture Readsorption Causes Fissured Rice Grains," *Agriculturl Engineering International: the CIGR journal*, vol. 1, December 2008.
- [3] D. Mejia. "Rice post-harvest system: an efficient approach," Rice is life -FAO Agricultural Services Bulletin, vol. 1, pp. 1-2, September 2004.
- [4] S. Thilakaratne, "Incurring the Post-harvest losses," *Daily News: Sri Lanka*, pp. 11, July 30, 2010.
- [5] Food and Agriculture Organization. "Grain Storage Techniques Evolution and Trends in Developing Countries." *FAO Agricultural Services Bulletin*, vol. 109, 1994.
- [6] L. Yliniemi. "Advanced control of a rotary dryer," *Doctoral Thesis*, University of Oulu, Finland, 1999.
- [7] M.A. Wilson, "Comparison of Alternate Approaches to Measurement of Moisture in Grains and Oil Seeds," Cered Foods World. vol. 31, no 6, pp 406-408, June 1986, www.lib.mrt.ac.lk
- [8] Handbook of Chemistry and Physics, 44th ed., p 2435, Chemical Rubber Co., Cleveland, OH, 1963.
- [9] J. H. Chung and L. R. Verma. "Measurement of Rice Moisture During Drying Using Resistance-Type Sensors." *Applied Engineering in Agriculture*. vol 7, no 5, 1991, pp. 630-635.
- [10] Z. Li, F. Tokumi, U.Susumu, and I. Shigeki. (1999). "Studies on the measurement of grain moisture using high frequency coil. (Part 1). The relationship between grain moisture and inductance of coil." *Journal of the Society of Agricultural Structures, Japan*, vol 29, no. 4, pp. 181-186, 1999.
- [11] S. O. Nelson, "Dielectric Properties of Grain and Seed in the 1 to 50 mc Range", *Trans. ASAE*, vol. 8:1, pp 36 48, 1965.
- [12] Handbook of Chemistry and Physics, 44th ed., p 3211, Chemical Rubber Co., Cleveland, OH, 1963.
- [13] Handbook of Chemistry and Physics, 44th ed., p 2623, Chemical Rubber Co., Cleveland, OH, 1963.

- [14] J.E.Wimberley. Technical Handbook for the Paddy Rice Post-harvest Industry in Developing Countries. Manila, Philippines: International Rice Research Institute, 1983, pp. 149.
- [15] C. Igathinathane and P. K. Chattopadhyay. "Moisture diffusion modelling of drying in parboiled paddy components. Part II: Bran and Husk." *Journal of Food Engineering*. vol 41 no 2, pp. 89-101,1999.
- [16] L. A. Zadeh. "Fuzzy Sets." *Journal of Information and Control*, vol. 8, pp. 338–353, 1965.

