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Important references for longitudinal data analysis; random regression; covariance functions; function-valued traits; and character process models.

Keywords: covariance functions, Nelore cattle, parametric correlation structure.


Keywords: multivariate analysis, tree model, covariance structures, covariance functions, BLUP


Keywords: mature weight, growth genetic parameter, beef cattle.


Australian Journal of Experimental Agriculture 45:847-858.


Keywords: beef cattle, Legendre polynomial, multiple trait, random regression, spline.
9) **REVIEW ARTICLE** Schaeffer, L. R. 2004. Application of random regression models in animal breeding. Livest. Prod. Sci. 86:35-45. **Keywords:** Random regressions, test day models, growth, survival, fertility

10) Misztal, I., Strabel, T., Jamrozik, J., Mantysaari, E.A. and Meuwissen, T. H. E. 2000. Strategies for estimating the parameters needed for different test-day models. J. Dairy Sci. 83: 1125-1134. *(The “CONSTRUCTIVE APPROACH” described in this article is very informative about computing strategies for analyzing large field data sets.)*
