

MODELS

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The Equations and Appendices

For those interested in the form of the equations, [Appendix I](#) lists all the quantities used in this discussion and gives their definitions. [Appendix II](#) gives the equations relating these quantities for the Einstein deSitter universe of Model III since for this model the equations are simple and the model is used by many cosmologists in reporting their results. Many of the derivations for this model can be found in Peebles' book on cosmology(4).

[Appendix III](#) gives the basic Friedmann equation of general relativity and the values of the mass density divided by the critical mass density and the cosmological constant terms and the curvature terms for Model II through Model V.