

Appendix F

COMPUTATIONAL PROCEDURE

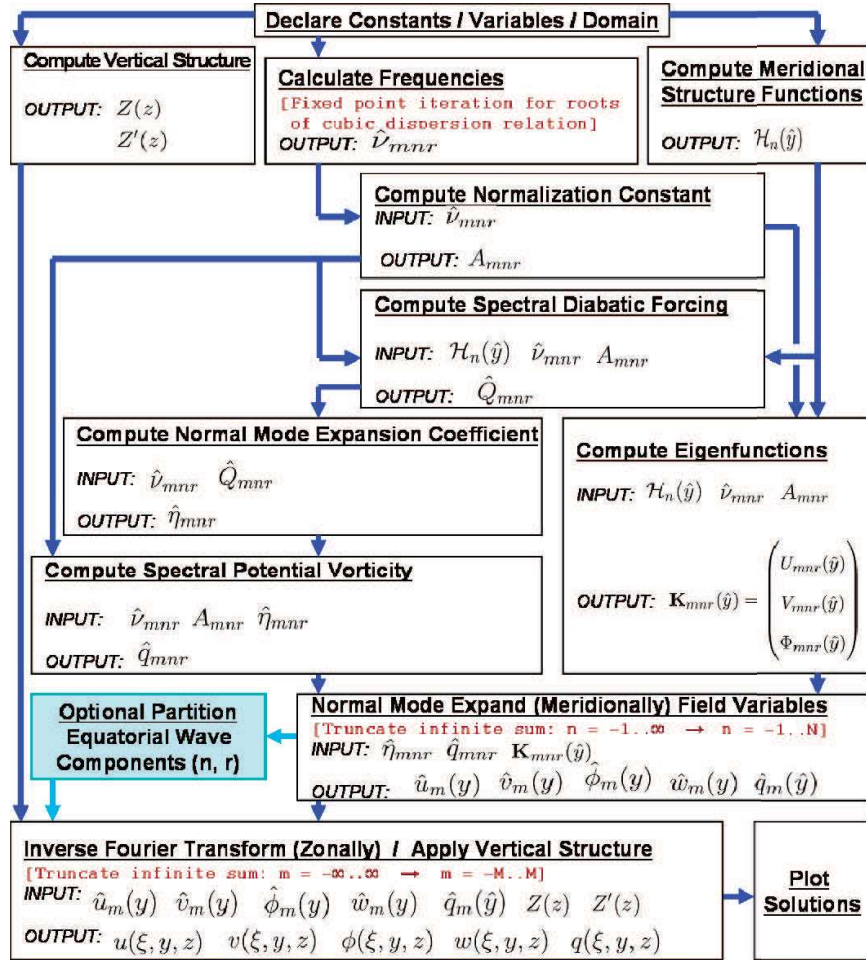


Figure F.1: A schematic showing the procedure for computing the primitive equation solutions. The red text marks steps that use a numerical approximation to the exact solution. All plots presented in this study use the truncation values of $M = 200$ and $N = 200$. The alternate light blue path denotes the ability to partition the total solution into its equatorial wave components by summing over the relevant indicies (n,r) for a specific wave mode, type.