Dr. Earl Geddes,All discussions of this matter are very old and are no longer reallyrelevant. Of course all simulation methods have a certain limit inaccuracy. As I told before, please visit www.cara.de and bring up themenu item "Products/CARA/Walkthrough" and then select chapter II(Calculations) and subchapter 6 (Comparison: CARA and Measurements).From this one may judge the accuracy of cara simulations. Comment regarding rectangular rooms: - any room with a rectangularoutline in the floor plan is no longer a rectangular room when severalpieces of furniture are introduced.Proposal of a test case:If you visit www.cara.de you will find our online service "CARA-Quick"which uses a modal method like you propose (series of eigenvaluefunctions). You may be sure that we checked very carefully themethods used in CARA and in CARA-Quick by comparing their results.