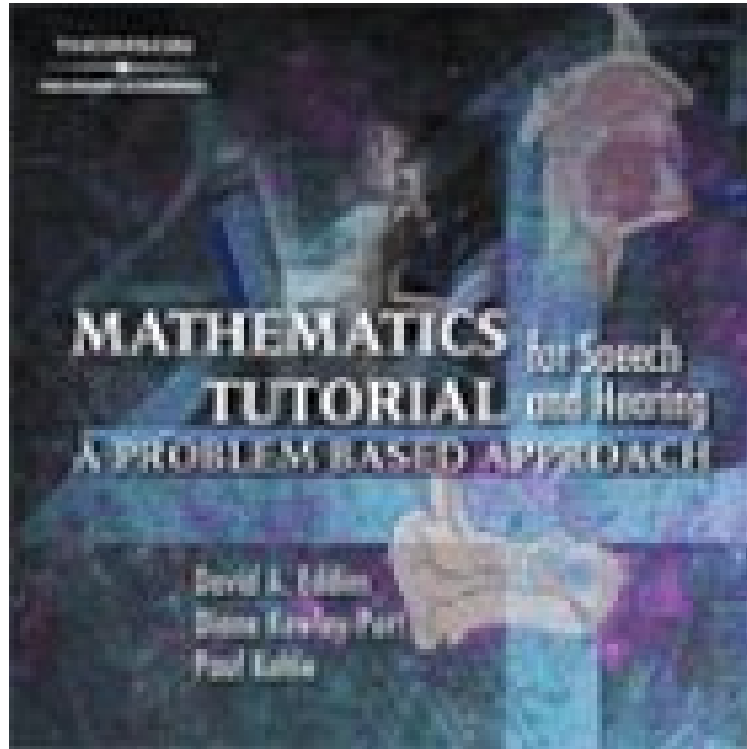


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Mathematics and Physics for Speech and Hearing: A Problem-Based Approach

David Eddins, Diane Kewley-Port, Paul E Kehle
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David Eddins, Diane Kewley-Port, Paul E Kehle : Mathematics and Physics for Speech and Hearing: A Problem-Based Approach before purchasing it in order to gauge whether or not it would be worth my time, and all praised Mathematics and Physics for Speech and Hearing: A Problem-Based Approach:

Mathematics and Physics for Speech and Hearing is a CD-ROM designed to help users develop the knowledge, skills, and problem-solving abilities required for the mastery of concepts in math and physics. This multimedia courseware integrates common concepts in math, physics, and speech and hearing in five learning modules. Each module includes specific multimedia-based assignments and suggested laboratory exercises. Within each topic, relevant examples are included along with numerous multimedia demonstrations in the form of sound files, animations, and interactive displays. The breadth of topics covered, use of problem-based learning, and integration of formal mathematics, physics, speech, and hearing via computer makes Mathematics and Physics for Speech and Hearing the ideal tool to learn requisite mathematics and physics skills in speech-language pathology.

"The material is well presented in its current format as it allows demonstration of sounds, manipulation of variables, and demonstrations to be embedded. It also allows problems to be solved by the student via examples on Excel. This is

a welcome product. The mathematical and physical aspects of speech and hearing are difficult for most students to grasp. The interactive nature of this CD-ROM makes the material more accessible. According to the author, the intended audience includes freshman and sophomores who have completed at least one college level math course. This would be equally useful to graduate students in audiology who have limited knowledge of math and physics. This CD-ROM is an excellent supplement to basic speech and hearing science courses. This format extends the traditional classroom/textbook format in that it offers multi-media based assignments and laboratory exercises." -- Diane M. Brewer MA, CCC-A from George Washington University (Divine)