

**Conference on Summability and Applications**

**Work of Billy Rhoades on Fixed Point Theory**

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Fixed point theorems have played a very important role in solving problems arising in pure and applied mathematics. Professor Rhoades has written at least 73 papers on this subject. Many of his papers have been cited by multiple authors and have inspired considerable research in this field. General introduction to important fixed point theorems and their applications to some specific problems will be mentioned.

The object of this talk is to describe analytical as well as Topological Fixed point theory and bring out the importance of the research of Rhoades fixed point theory.