

Realizing the Potential of Mathematics in Problem Solving

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Abstract

There is a famous quote attributed to perhaps a not-so-famous mathematician, Dean Schlicter that goes as “Get down deep enough into anything, and you will find Mathematics”. In the light of the above proposition of Schlicter, an active search into the extent of use of Mathematics in problem solving, be it in “hard” or “soft” sciences, or other domains of knowledge and their applications, would perhaps reveal that realization of the potential of mathematics seems far from optimum. This presentation discusses how the potential of mathematics can be better tapped for problem solving in industry, business and everyday life.