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Applications of SMART the new 3-D Model of Dissolution during Solution Mining
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During the past eighteen months, developments have been undertaken of a new mathematical model of salt dissolution. The applied research activity leading to this development was sponsored by the Solution Mining Research Institute as a research project (SMRI, 1984) based upon a proposal submitted by Dr. Devraj Sharma of Principia Mathematica Inc. (Principia, 1984). The mathematical model is called SMART; a mnemonic name coined to denote Solution Mining Analyzer of Responses in Three dimensions. The purpose of this paper is to present a brief summary of the important features of the model and a few results of its applications to solution mining problems.

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