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Moussaoui, Moufida Bekkouche, Souhila Rehab Benzerara, Mohammed and Boukhatem, Ghania 2023. Solution of the inverse analysis problem in geotechnics using stochastic methods—application to a pressuremeter test. Arabian Journal of Geosciences, Vol. 16, Issue. 1. Despite the dramatic growth in the availability of powerful computer resources, the EM community lacks a comprehensive text on the computational techniques used to solve EM problems. The first edition of Numerical Techniques in Electromagnetics filled that gap and became the reference of choice for thousands of engineers, researchers, and students. This third edition of the bestselling text reflects the continuing increase in awareness and use of numerical techniques and incorporates advances and refinements made in recent years. 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