

Interactive comment on “Application of particle swarm optimization for gravity inversion of 2.5-D sedimentary basins using variable density contrast” by Kunal Kishore Singh and Upendra Kumar Singh

Anonymous Referee #1

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Author has significantly improve the manuscript and acceptable for publication with minor comment. 1. Is the model computed using PSO take care the 2.5D plane or structure. 2. At line 170, "controlled by one operator i.e. velocity updating". what do you mean by velocity updating. elaborate it. 3. can this technique is capable to resolve the thickness of very thin sheet i.e. sub centimeter level.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., doi:10.5194/gi-2016-10, 2016.