

Interactive comment on “Simplified approach for locating the critical probabilistic slip surface in limit equilibrium analysis” by Y. M. Cheng et al.

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This paper presents a practical procedure which avoids a time-consuming numerical convergence study using Monte-Carlo, and to prefer a pragmatic estimation of a reliability index. It has been tested on heterogeneous slopes: is N_s equal to 2 in all cases ? If not precise the adequate numbers. The paper seems interesting enough to be published in NHESD. The paper is rather complete and examples are interesting. Be careful that readers are able to reproduce same examples.

Fig. 4 : "variation curve" is rather general, "Numerical convergence of..." should perhaps be more suitable Z on bold type seems better to describe a vector N_m is not in italics in the paper, it should be the same in appendix A1

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