Individual Sections of the Book

Inverse Problems: Exercices

With *mathematica*, *matlab*, and *scilab* solutions

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5.3 Epicentral Coordinates of a Seismic Event (Third Version, Non-linear least-squares) [PRELIMINARY]

Note: this shall be essentially the same as in section 2.4.

5.3.1 Problem

Note: this shall be essentially the same as in section 2.4.1.

5.3.2 Solution

Note: this shall be essentially the same as in section 2.4.2.

Figure 5.6: The minimum of the misfit function.

5.3.3 Mathematica Notebook

Note: I have not yet had time to clean the code and insert it in the text. For the time being, please, look at the following mathematica notebook.

Executable notebooks at
http://www.ipgp.jussieu.fr/~tarantola/exercies/chapter_05/EpicenterGradient.nb