

In the Name of God

Exploration Seismology- Project-3

Purpose of this project: Make acquainted with time migration.

Date assigned: 20-10-03

Date due: 10-11-03

Regard the output of project 1 as a stacked section or an arbitrary stacked section, and thereafter execute time migration on it. Select either the semicircle or diffraction summation as the migration method, then evaluate three distinct constant velocities (e.g., 2500, 3500, and 4500 m/s) to compare the outcomes. What is the optimal velocity?

Kindly provide a presentation for your project that includes computer code and relevant numbers, including the introductory portion and various findings. The many stages of the task should be shown visually. The assignment must be undertaken separately, and some students may be required to present their work.

Best regards,

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