Contents:

getlengh.m : function for calculating length of one ray inside given block,

forward_modeling.m : script for generating observation and raypath matrix (d and G, respectively in class)

Inversion_part.m : script for inversion based on matrixes generated from forward_modeling.m; plot part is also included for figures.

Fig1~3_example.jpeg : figures from my test.

After adding above scripts into your path, you can run forward_modeling.m without any changes. Then, run Inversion_part.m to solve the equation we discussed in class.

My email address is hanzhang@unm.edu if you have any questions. Thank you.