**Estimation Method for Field Source Location in the Presence of Strong Remanent Magnetization in Low-Latitude Regions**

Cody By: Qiang Liu

E-mail: [11918811251@qq.com](mailto:11918811251@qq.com)

China Aero Geophysical Survey and Remote Sensing Center for Natural Resources, Beijing, China

The code is written in Matlab R2019b.

**Code Description**

**1、Our method**

**New Normalized source strength**

**2、Main function:**

New\_NSS.m

In the file ’New\_NSS.m’:

|  |  |
| --- | --- |
| mag\_grd | The raw magnetic data |
| n, m | Number of data rows and columns |
| Xmin, Xmax, Ymin, Ymax | The range of the data coordinate |
| h | Upward continuation height |

We provide an example, ‘upload\_ModelTest.m’.