Errata
Geophysical Inverse Theory: Discrete Inverse Theeory, Fourth Edition
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Last updated
July 22, 2019

Page 2, Equation 1.2
Type: Typo in equation
Insert replace "date" with "data", as shown below.

data:

date: $\quad \mathbf{d} = [d_1, d_2, d_3, d_4, \ldots, d_N]^{\mathrm{T}}$

model parameters : $\quad \mathbf{m} = [m_1, m_2, m_3, m_4, \ldots, m_M]^{\mathrm{T}}$ (1.1)

Page 137, Equation 7.19
Type: Typo in equation
Replace "1" with "i", as shown below
(This typo may already be fixed in the printed version).

$$\alpha_i^2 = \sum_{j=i}^{N} G_{ji}^2 \qquad (7.19)$$

Page 172, Equation in line 13 of Problem 8.4
Type: Typo in equation
Insert "superscript T" as shown below

also the L_2 minimum length solution $\mathbf{m}^{ML} = \mathbf{G}^{T}[\mathbf{G}\mathbf{G}^{T}]^{-1}\mathbf{d}^{obs}$. (B) Compute the solution for $n = 0, 1, 2$ and plot and interpret the result. (C) Repeat the solution in B but for