

④d → And the optimization technique is based on the below mentioned equation from referred paper.

→ We are trying to solve for vectorized representation of \hat{f}_{mn} by solving equation

$$\hat{f}_{mn} = \Psi' \left(\underset{\theta_{mn}}{\operatorname{argmin}} \| y_{mn} - H_{mn} \Psi' \theta' \|_2 + \tau \| \theta_{mn} \|_1 \right)$$

here, $\{ \theta'_{mn} - \hat{f}_{mn} \text{ sparse representation in } \Psi' \text{ space.} \}$

→ Now you can get full data cube \hat{F} by tiling all reconstructed Oblique parallelopipeds.