

data fidelity terms

$$\sum_{p \in \mathcal{N}} \text{err}(p, \mu)^2 + \sum_{p \in \mathcal{C}} \text{err}(p, \nu)^2$$

residuals between
samples in \mathcal{N} and μ

residuals between
samples in \mathcal{C} and ν

$$+ \frac{\lambda}{k}$$

balance the
data fidelity
and similarity
terms

similarity term

$$\sum_{j=1}^k (n_j - m_j)^2$$

coefficients
 ν and μ