

$$\mathbf{X} = \arg \min_{\mathbf{X}} \frac{1}{2} ||\mathbf{Y} - \mathbf{D}\mathbf{X}||_F^2 + ||\Lambda \odot \mathbf{X}||_1 + \frac{\lambda}{2} ||\mathbf{X}||_F^2$$