

Anchor Graph Cluster



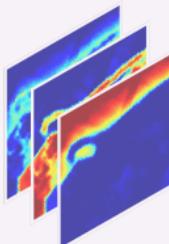
Improve by mixing

Anchot Graph

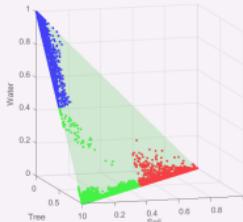


$$\min_{\mathbf{Z}} \|\mathbf{X} - \Delta(\mathbf{X})\mathbf{Z}\|_F^2$$

Sub-pixel Prior



Reshape



Visualization of clustering labels
on abundance vectors



Cluster

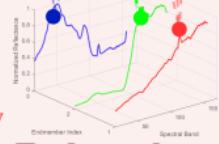
$$\min_{\mathbf{S}, \mathbf{A}} \|\mathbf{X} - \mathbf{XSA}\|_F^2$$

s.t. $\mathbf{S}_{np}, \mathbf{A}_{pn} \geq 0, \mathbf{a}_n^T \mathbf{1} = 1$

Hyperspectral Unmixing



Abundance Matrix



Limited by
mixing

$$\min_{\mathbf{M}, \mathbf{A}} \|\mathbf{X} - \mathbf{MA}\|_F^2$$