Notation	Definition
N	Number of data points
k	Number of clusters
v	View index
n_v	Number of views
$D^{(v)}$	Dimension of data points in a view v
$\mathbf{X}^{(v)} \in \mathbb{R}^{D^{(v)} \times N}$	Data matrix in a view v
$\mathbf{C}^{(v)} \in \mathbb{R}^{N \times N}$	Representation matrix in a view v
$\mathbf{C}^{*} \in \mathbb{R}^{N \times N}$	Centroid representation matrix
$\mathbf{W} \in \mathbb{R}^{N \times N}$	Affinity matrix
$\mathbf{X} = \mathbf{U}\mathbf{\Sigma}\mathbf{V}^{T}$	Singular value decomposition (SVD) of $\mathbf{X}$
$\Phi(\mathbf{X}^{(v)})$	Data points in a view v mapped into high-dimensional feature space
$\mathbf{K}^{(v)} \in \mathbb{R}^{N \times N}$	Gram matrix in a view v