$$\hat{f}_{j}^{(n+1)} = \frac{\hat{f}_{j}^{(n)}}{\sum_{i'} h_{i'j} + \beta \frac{\partial U(\mathbf{f})}{\partial \mathbf{f}}} \sum_{i} h_{ij} \frac{g_{i}}{\sum_{k} h_{ik} + \hat{f}_{k}^{(n)}}$$
(39)

Terms:

$$\leq h_{ij} \Rightarrow Sum of Sysmat (along axis 0)$$

$$\frac{\partial U(f)}{\partial f}$$
  $\Rightarrow$  Potential function

$$\leq h_{ik} + \hat{f}_{k}^{(n)} \Rightarrow Sysmat + Reconstructed Image$$

## Algorithm Howchart

Steps

$$i \rightarrow Img (\hat{f}) \Rightarrow Imatrix (All ones)$$

3> Projection 
$$(g_i) \Rightarrow Symmat \times Prainton$$

4) Iterate

Prior Function

Quadratic

L> B × (pixel value)

prior gradient = Prior Function (jth now of image)
denominator[j] += prior\_gradient