

$$\rho = \rho^{\text{init}}$$

$$Z_{(v)}[n] = \left| s_{(k,u,j,\lambda_{(j)})}[n] \right|$$

for  $n = \rho, \rho + 1, \dots, \rho + \Theta_{(v)} - 1$

$$M_{(v)} = \text{median}\left(Z_{(v)}[n] \mid v = 1, 2, \dots, V\right)$$

$$\varpi = \arg \inf_v \left\{ M_{(v)} \mid v = 1, 2, \dots, V \right\}$$

$$\tilde{s}_{(k,u,j,\lambda_{(j)})}[n] = M_{(v=\varpi)}$$

for  $n = \rho, \rho + 1, \dots, \rho + \Theta_{(v=\varpi)} - 1$

Yes

$$\rho + \Theta_{(\varpi)} - 1 < N$$

No

END