Root process

Distribute the nodes on the image

Assign each node to a process

For each of the own nodes

Place in nearest neighborhood

Calculate energy for each location

Choose the smallest energy location

How many nodes changed location?

No

Reached the end term?

Yes

End segmentation

... process N ...

For each of the own nodes

Place in nearest neighborhood

Calculate energy for each location

Choose the smallest energy location

How many nodes changed location?

No

Reached the end term?

Yes

Send local information to root