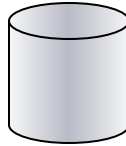


1 **Input** : video of slug's transportation



2 Extracting the frames



3 Preprocessing techniques

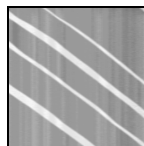
Region of Interest Extraction

Automatic Thresholding

Removing Artifacts



4 Pixel counting of the slug's height



5 **Output** : Spatio-Temporal , transform the local number of grains in gray scale.
The slug's height is the difference in gray scale between the light and gray zones.