Politecnico di Milano
AA 2018 - 2019

Computer Science and Engineering

IMAGE ANALYSIS AND COMPUTER VISION PROJECT

BACKGROUND SUBTRACTION

Results report:

Webcam: A13 - km. 33,0 Ferrara Sud shelter itinere Nord

Threshold = 40

Ratio = 0.9

Andrea Mazzeo - 895579
Daniele Moltisanti - 898977

BACKGROUND DETECTION NUMBER 0 WITH THRESHOLD OF 10

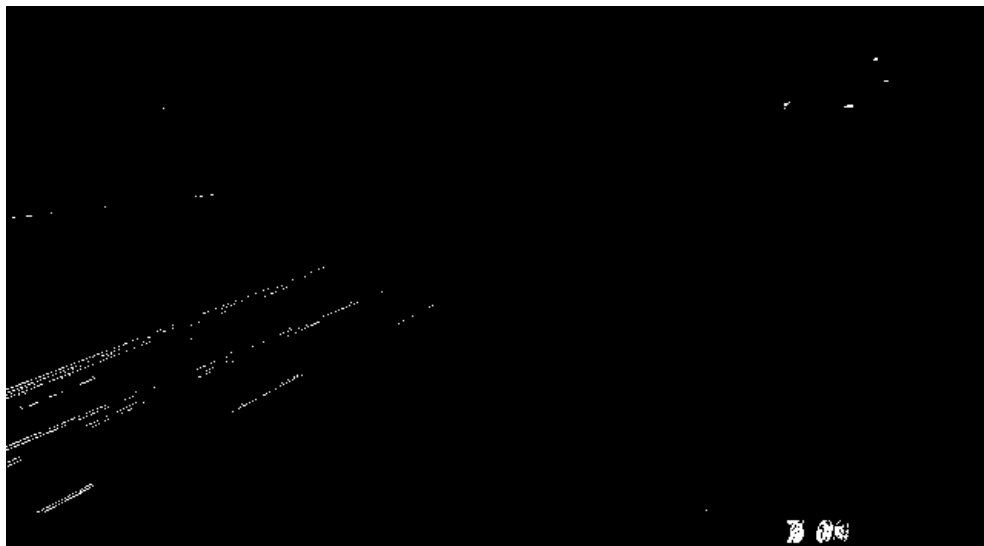Background detected with accuracy of 95.75%

Original frame:

Background detected:

Error plotted with threshold of 40:

BACKGROUND DETECTION NUMBER 1 WITH THRESHOLD OF 10
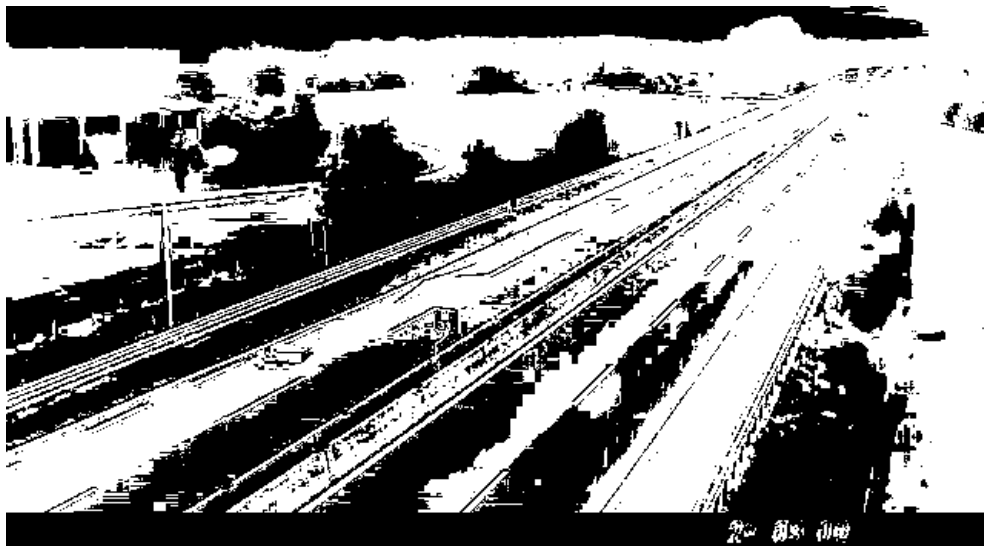
Background detected with accuracy of 11.21%

Original frame:

Background detected:

Error plotted with threshold of 40:

BACKGROUND DETECTION NUMBER 2 WITH THRESHOLD OF 10
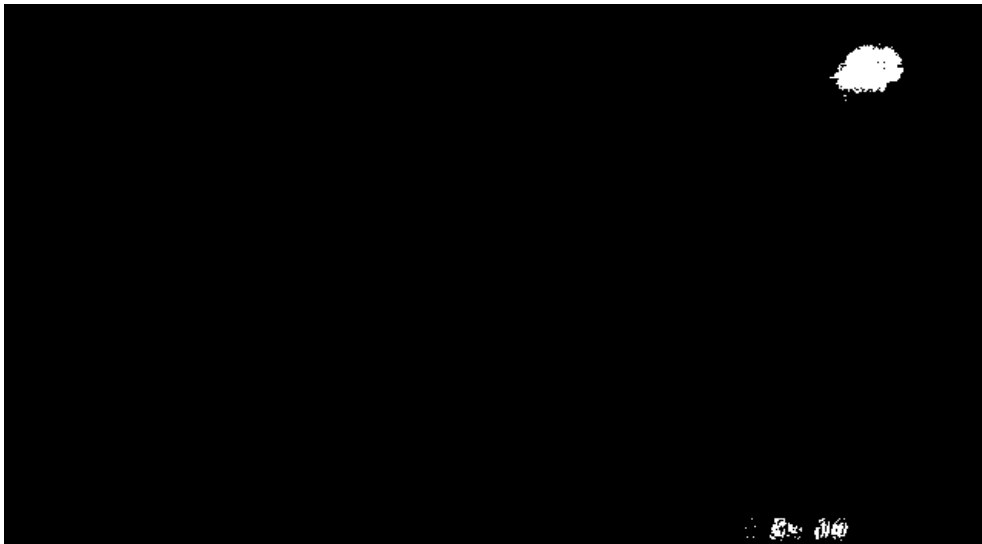
Background detected with accuracy of 96.55%

Original frame:

Background detected:

Error plotted with threshold of 40:

BACKGROUND DETECTION NUMBER 3 WITH THRESHOLD OF 10

Background detected with accuracy of 14.93%

Original frame:

Background detected:

Error plotted with threshold of 40: