



Politecnico di Milano
AA 2018 - 2019

Computer Science and Engineering

IMAGE ANALYSIS AND COMPUTER VISION PROJECT

BACKGROUND SUBTRACTION

Results report:

Webcam: A08 - km. 2,2 Milano Fiera itinere Nord

Threshold = 40

Ratio = 1

Andrea Mazzeo - 895579
Daniele Moltisanti - 898977

BACKGROUND DETECTION NUMBER 0 WITH THRESHOLD OF 10

Background detected with accuracy of 80.54%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 1 WITH THRESHOLD OF 10

Background detected with accuracy of 79.53%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 2 WITH THRESHOLD OF 10

Background detected with accuracy of 77.23%

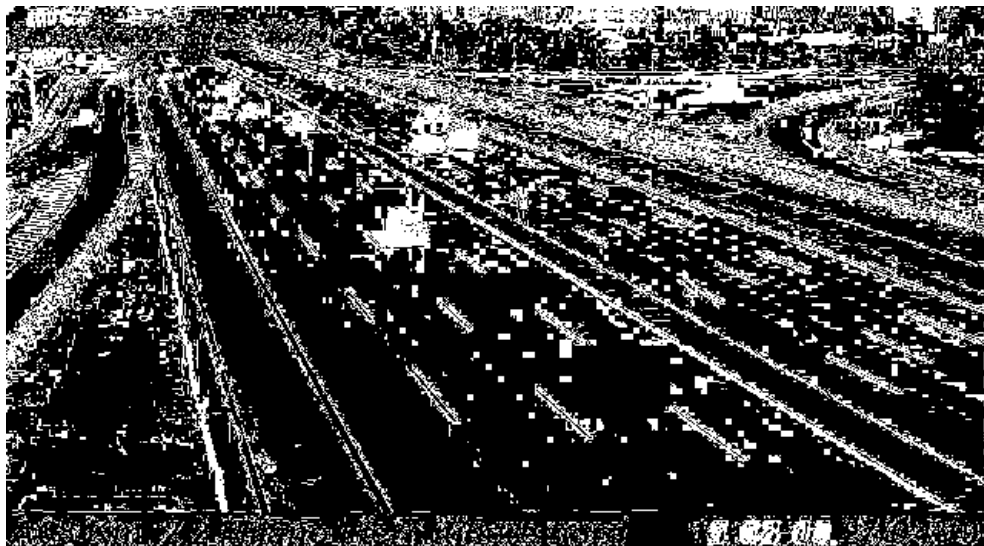
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 3 WITH THRESHOLD OF 10

Background detected with accuracy of 72.25%

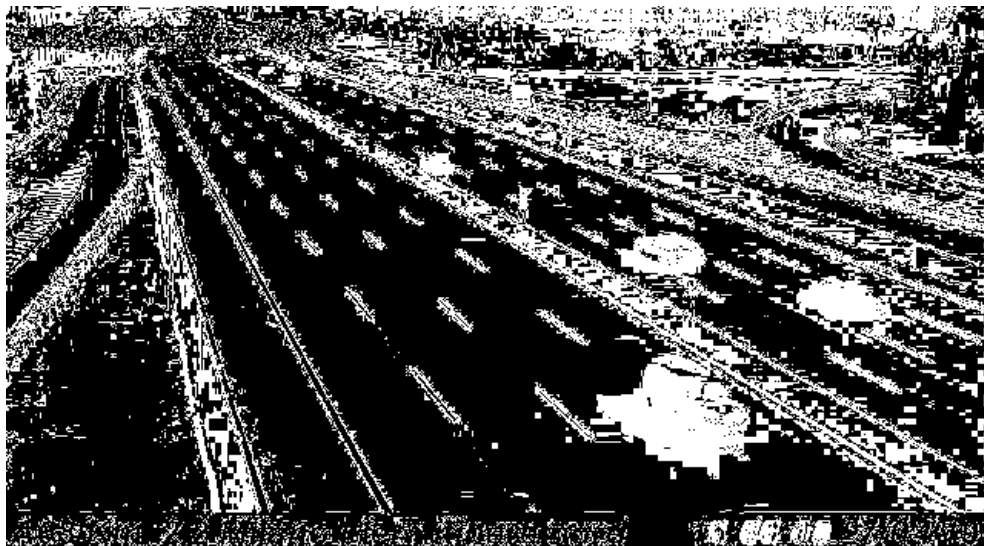
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 4 WITH THRESHOLD OF 10

Background detected with accuracy of 77.43%

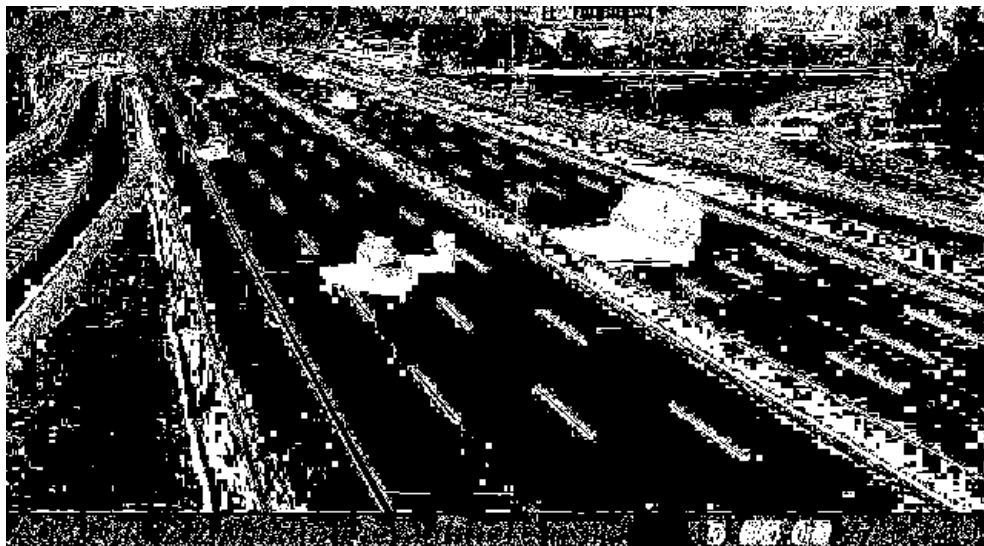
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 5 WITH THRESHOLD OF 10

Background detected with accuracy of 61.77%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 6 WITH THRESHOLD OF 10

Background detected with accuracy of 40.17%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 7 WITH THRESHOLD OF 10

Background detected with accuracy of 69.04%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 8 WITH THRESHOLD OF 10

Background detected with accuracy of 31.94%

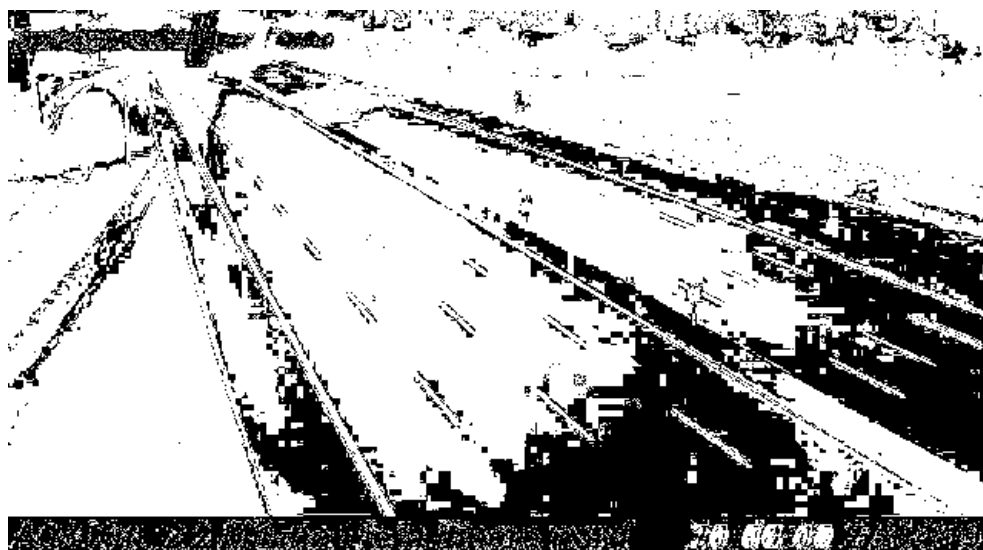
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 9 WITH THRESHOLD OF 10

Background detected with accuracy of 18.17%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 10 WITH THRESHOLD OF 10

Background detected with accuracy of 34.23%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 11 WITH THRESHOLD OF 10

Background detected with accuracy of 31.09%

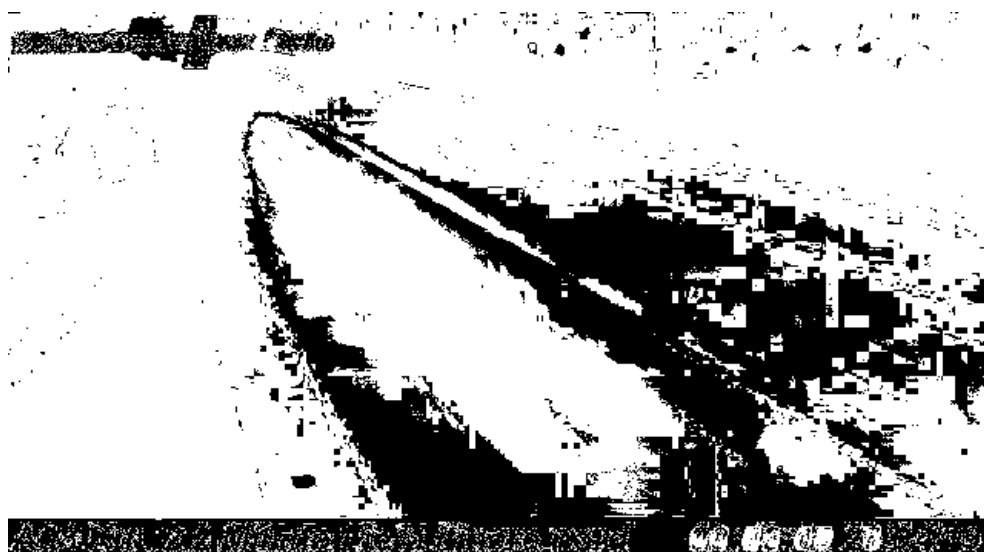
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 12 WITH THRESHOLD OF 10

Background detected with accuracy of 53.27%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 13 WITH THRESHOLD OF 10

Background detected with accuracy of 23.0%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 14 WITH THRESHOLD OF 10

Background detected with accuracy of 74.35%

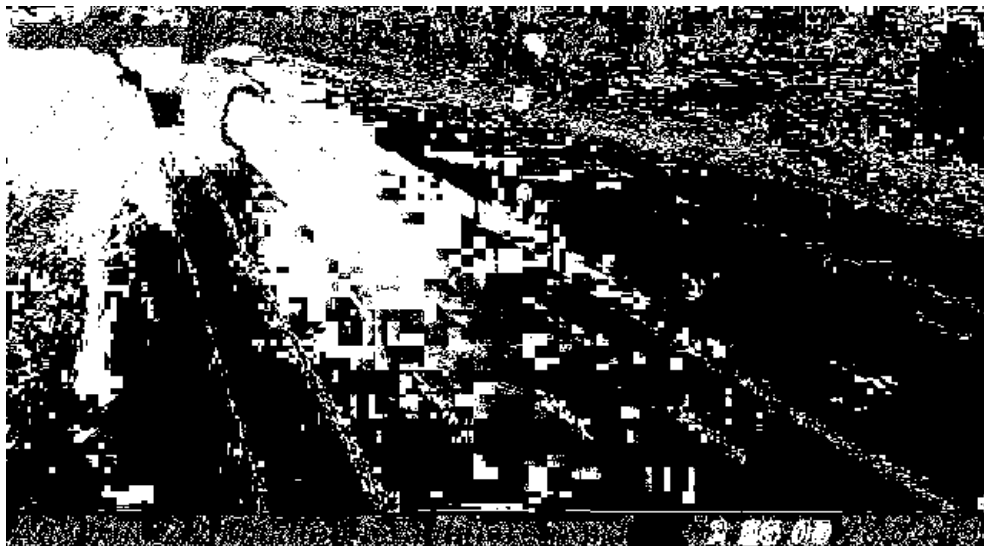
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 15 WITH THRESHOLD OF 10

Background detected with accuracy of 79.75%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 16 WITH THRESHOLD OF 10

Background detected with accuracy of 80.53%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 17 WITH THRESHOLD OF 10

Background detected with accuracy of 22.88%

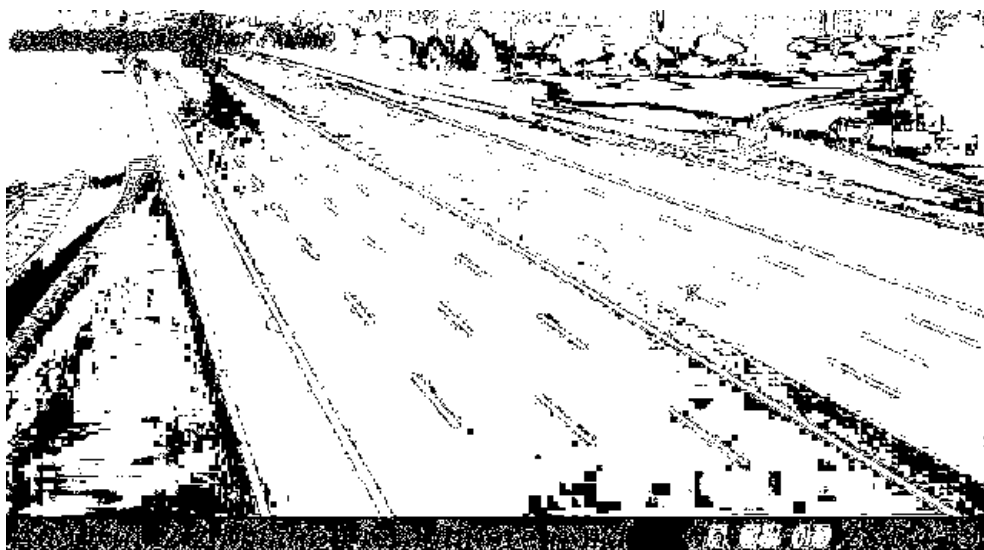
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 18 WITH THRESHOLD OF 10

Background detected with accuracy of 65.85%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 19 WITH THRESHOLD OF 10

Background detected with accuracy of 55.3%

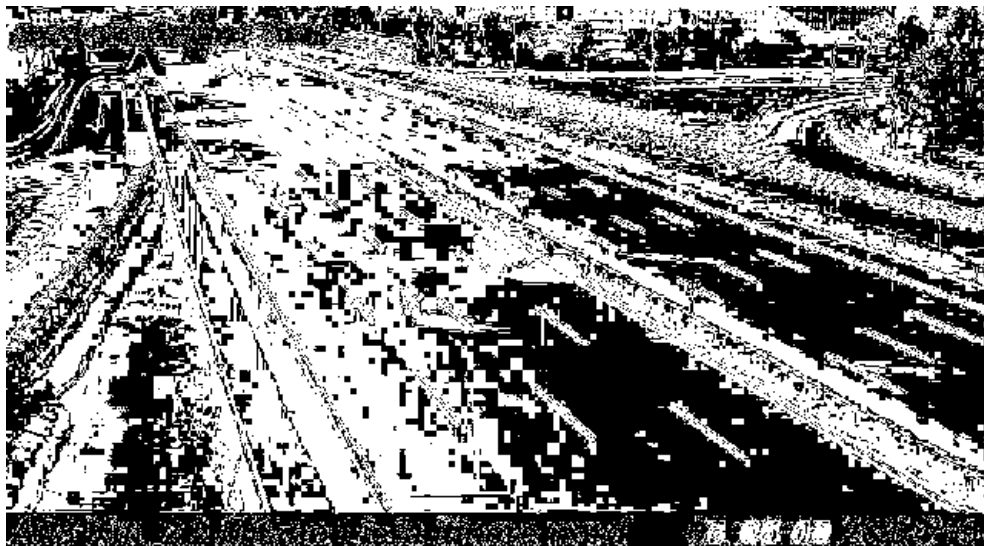
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 20 WITH THRESHOLD OF 10

Background detected with accuracy of 59.31%

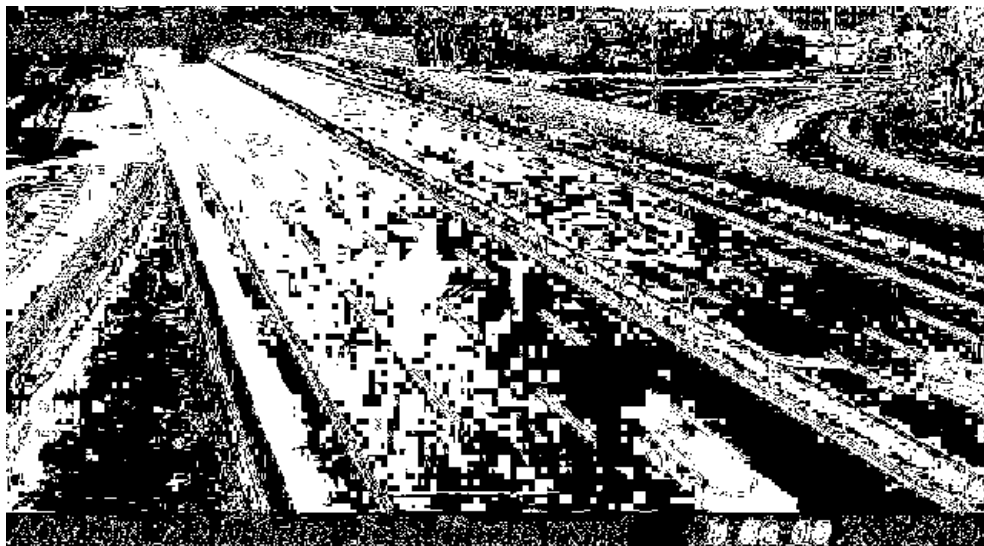
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 21 WITH THRESHOLD OF 10

Background detected with accuracy of 58.52%

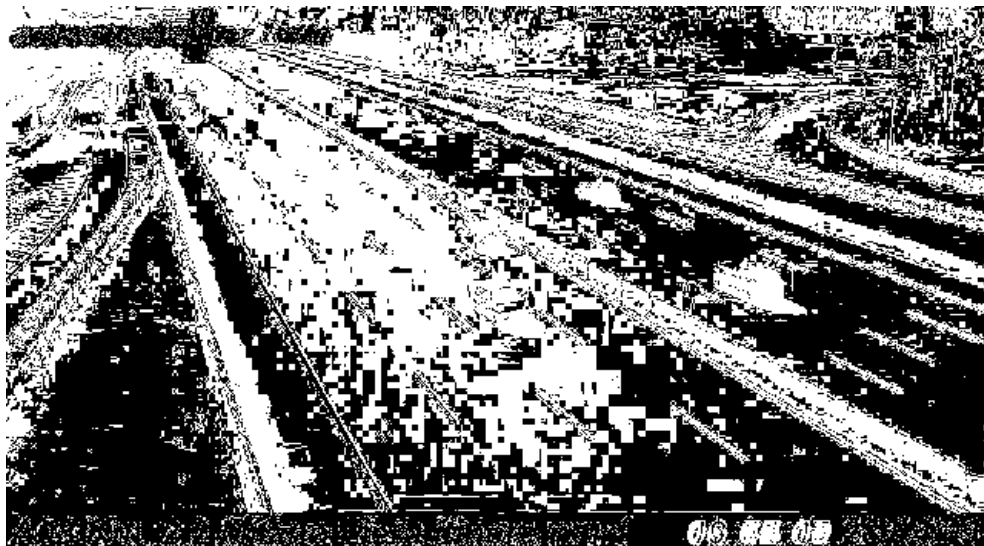
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 22 WITH THRESHOLD OF 10

Background detected with accuracy of 70.7%

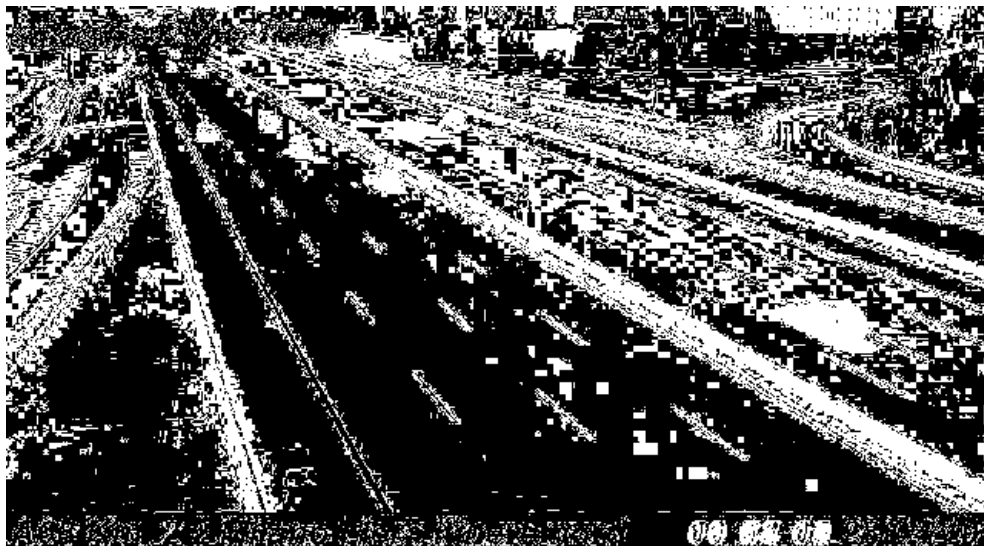
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 23 WITH THRESHOLD OF 10

Background detected with accuracy of 72.97%

Original frame:



Background detected:



Error plotted with threshold of 10:

