



Politecnico di Milano
AA 2018 - 2019

Computer Science and Engineering

IMAGE ANALYSIS AND COMPUTER VISION PROJECT

BACKGROUND SUBTRACTION

Results report:

Webcam: A04 - km. 149,5 A4/A58 dir Ovest

Threshold = 40

Ratio = 1

Andrea Mazzeo - 895579
Daniele Moltisanti - 898977

BACKGROUND DETECTION NUMBER 0 WITH THRESHOLD OF 10

Background detected with accuracy of 78.87%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 1 WITH THRESHOLD OF 10

Background detected with accuracy of 69.67%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 2 WITH THRESHOLD OF 10

Background detected with accuracy of 81.24%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 3 WITH THRESHOLD OF 10

Background detected with accuracy of 75.24%

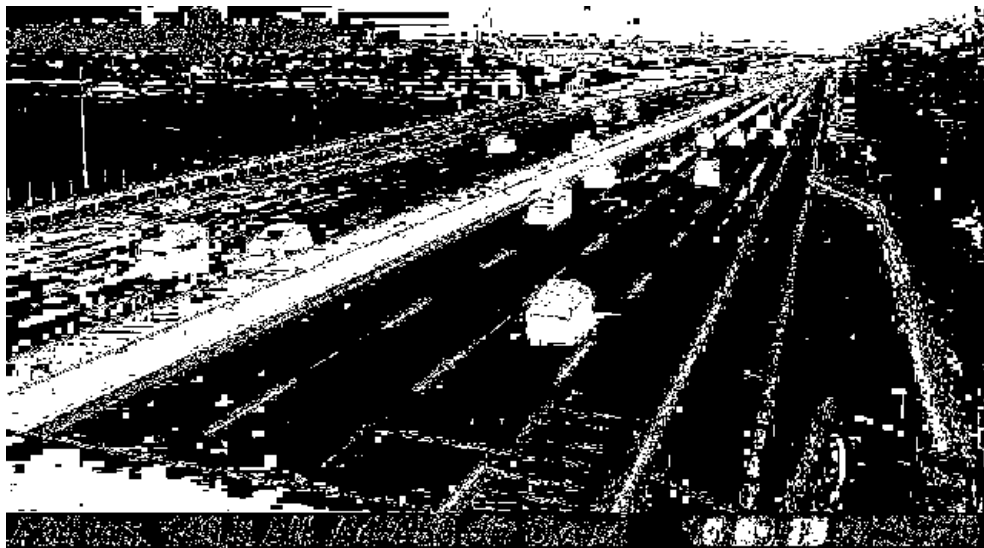
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 4 WITH THRESHOLD OF 10

Background detected with accuracy of 73.63%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 5 WITH THRESHOLD OF 10

Background detected with accuracy of 70.95%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 6 WITH THRESHOLD OF 10

Background detected with accuracy of 51.18%

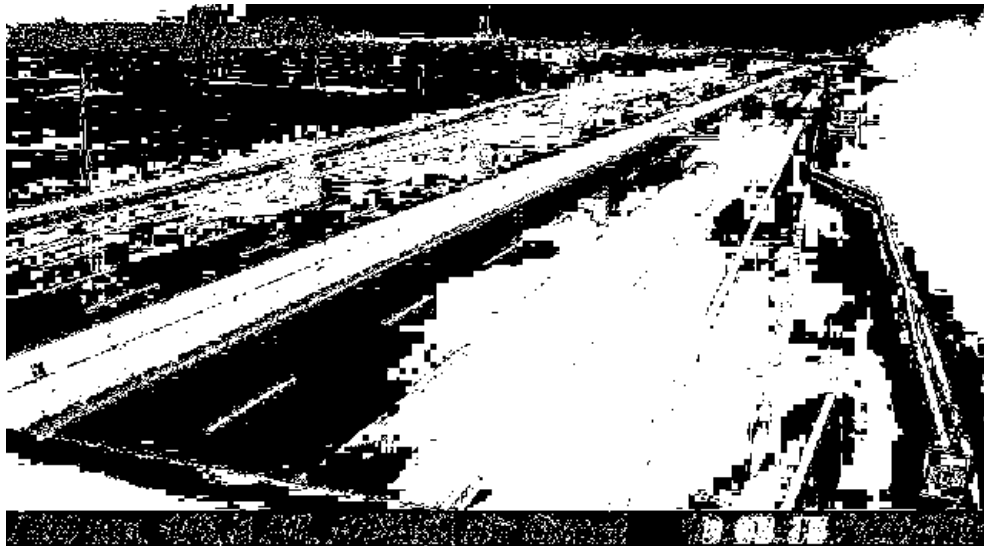
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 7 WITH THRESHOLD OF 10

Background detected with accuracy of 81.63%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 8 WITH THRESHOLD OF 10

Background detected with accuracy of 17.08%

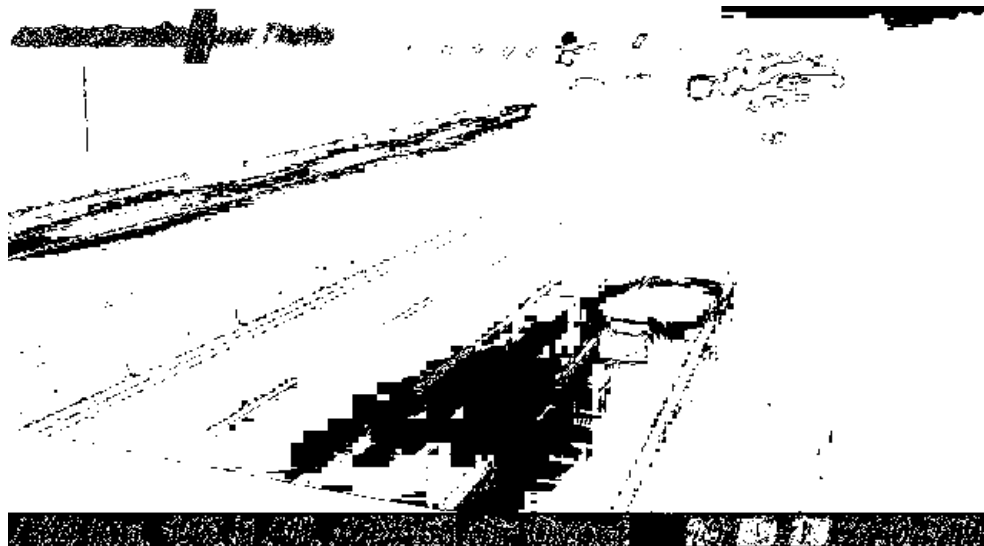
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 9 WITH THRESHOLD OF 10

Background detected with accuracy of 57.24%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 10 WITH THRESHOLD OF 10

Background detected with accuracy of 72.37%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 11 WITH THRESHOLD OF 10

Background detected with accuracy of 58.22%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 12 WITH THRESHOLD OF 10

Background detected with accuracy of 66.66%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 13 WITH THRESHOLD OF 10

Background detected with accuracy of 86.77%

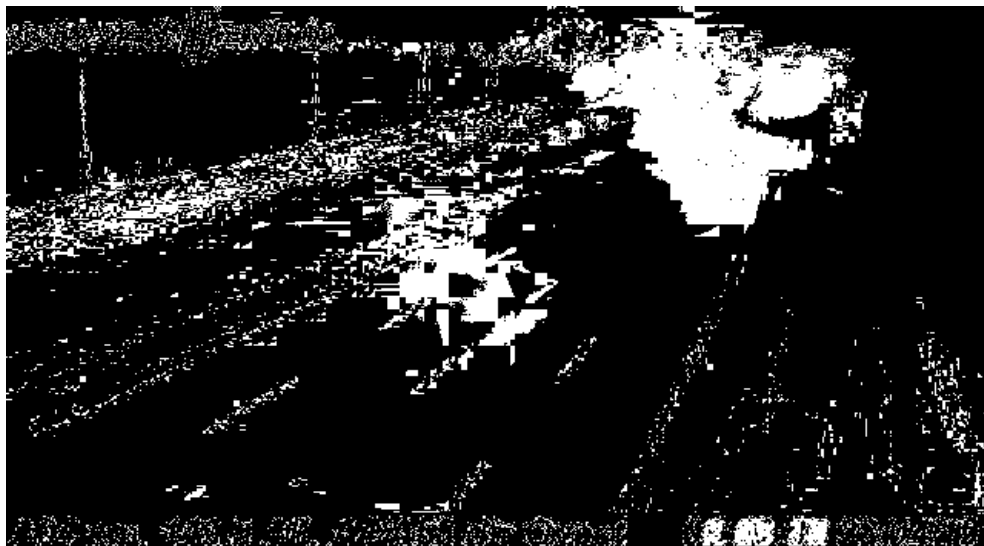
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 14 WITH THRESHOLD OF 10

Background detected with accuracy of 81.65%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 15 WITH THRESHOLD OF 10

Background detected with accuracy of 58.93%

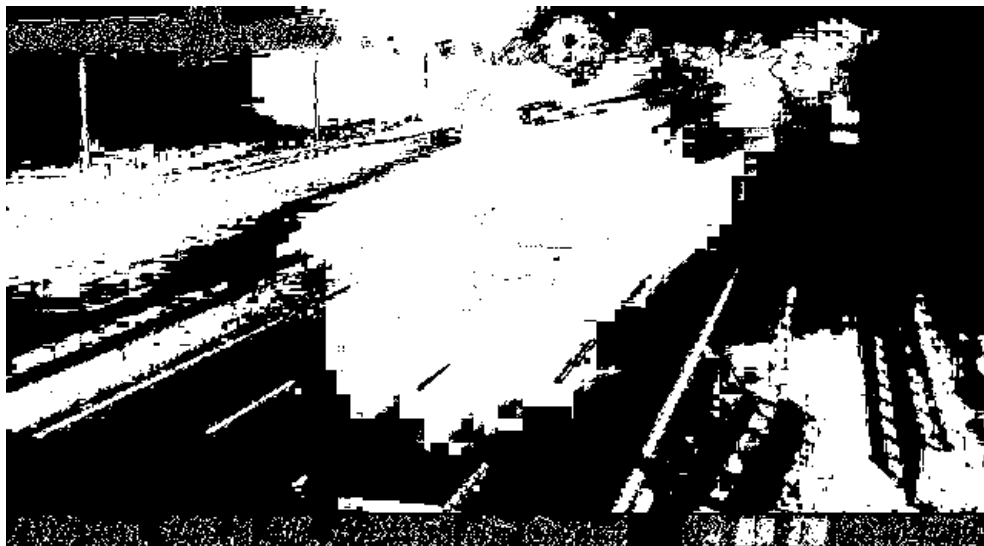
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 16 WITH THRESHOLD OF 10

Background detected with accuracy of 74.74%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 17 WITH THRESHOLD OF 10

Background detected with accuracy of 27.68%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 18 WITH THRESHOLD OF 10

Background detected with accuracy of 42.67%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 19 WITH THRESHOLD OF 10

Background detected with accuracy of 38.89%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 20 WITH THRESHOLD OF 10

Background detected with accuracy of 54.91%

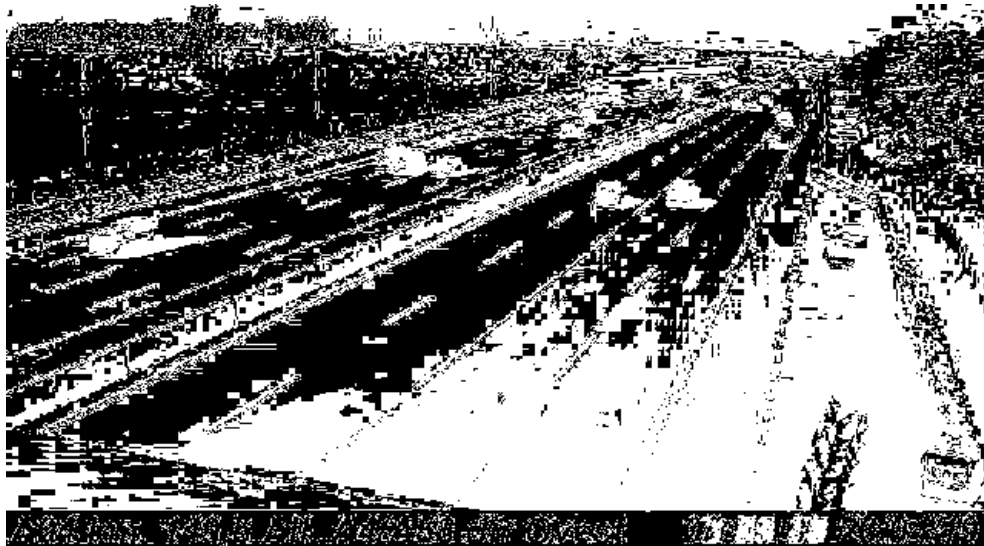
Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 21 WITH THRESHOLD OF 10

Background detected with accuracy of 85.57%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 22 WITH THRESHOLD OF 10

Background detected with accuracy of 84.17%

Original frame:



Background detected:



Error plotted with threshold of 10:



BACKGROUND DETECTION NUMBER 23 WITH THRESHOLD OF 10

Background detected with accuracy of 86.65%

Original frame:



Background detected:



Error plotted with threshold of 10:

