

Lab 3: Edge, lines and circles detection

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Abstract

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- 1. SETUP AND PARAMETERS TUNING
- 2. RESULTS

Canny	apertureSize	3	HoughLines	rho	1	HoughCircles	dp	1
	threshold1	350		theta	0.05		minDist	1
	threshold2	850		threshold	130		param1	100
				min theta	0		param2	25
				max theta	CV PI		minRadius	0
							maxRadius	10

Table 1: *ROAD2*

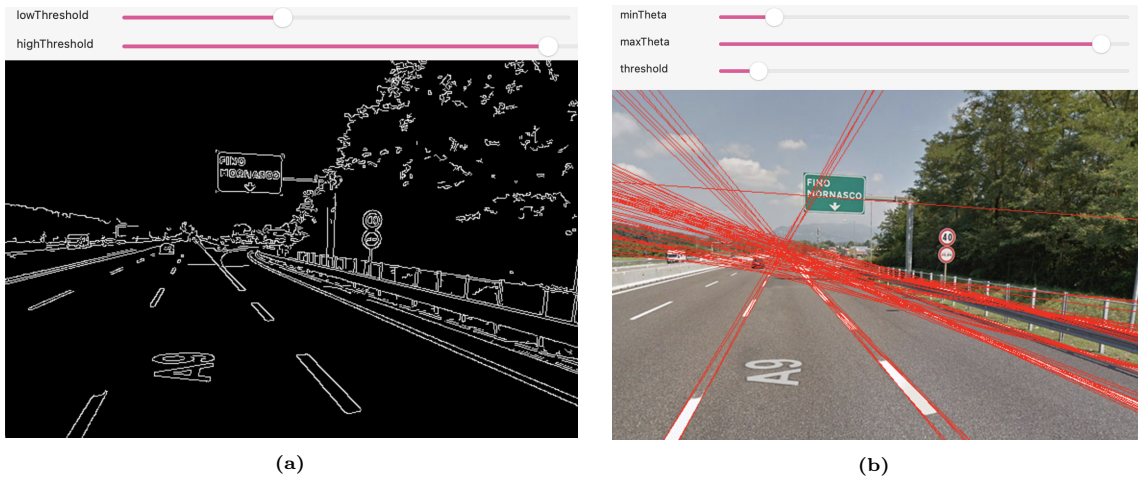


Figure 1

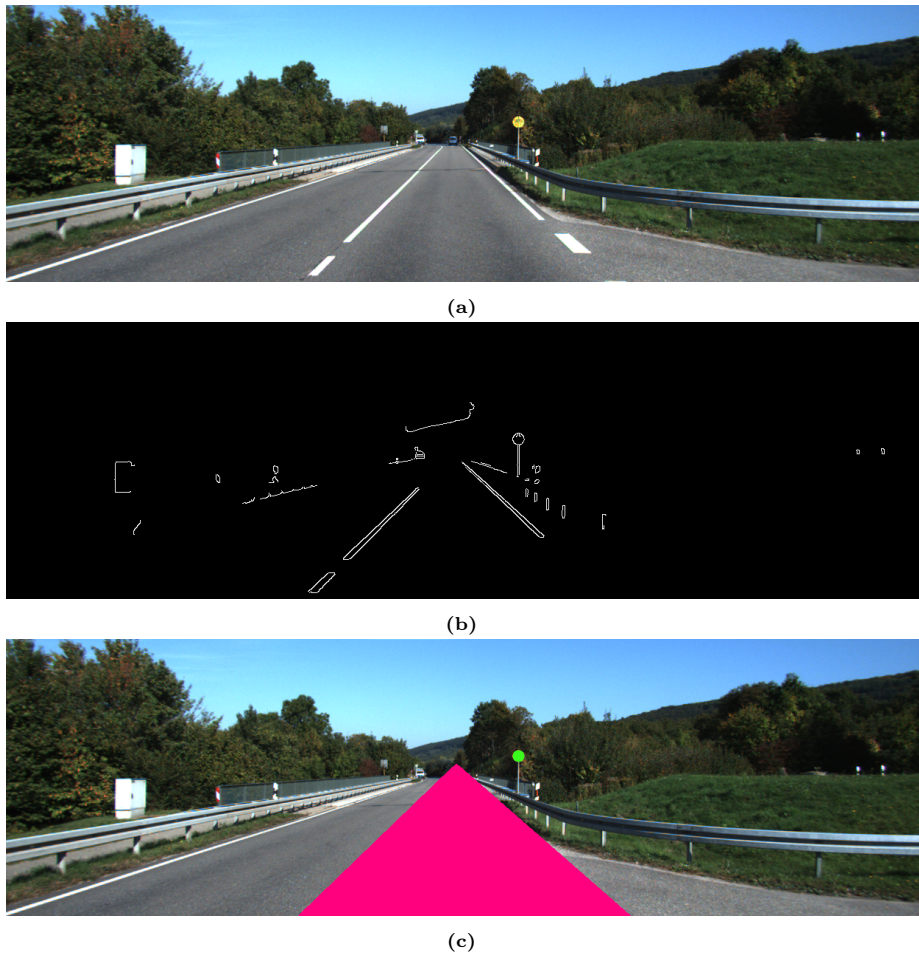


Figure 2

Canny	apertureSize	3	HoughLines	rho	1	HoughCircles	dp	1
	threshold1	270		theta	0.05		minDist	1
	threshold2	400		threshold	160		param1	353
				min theta	0		param2	31
				max theta	3		minRadius	0
							maxRadius	32

Table 2: *ROAD3*

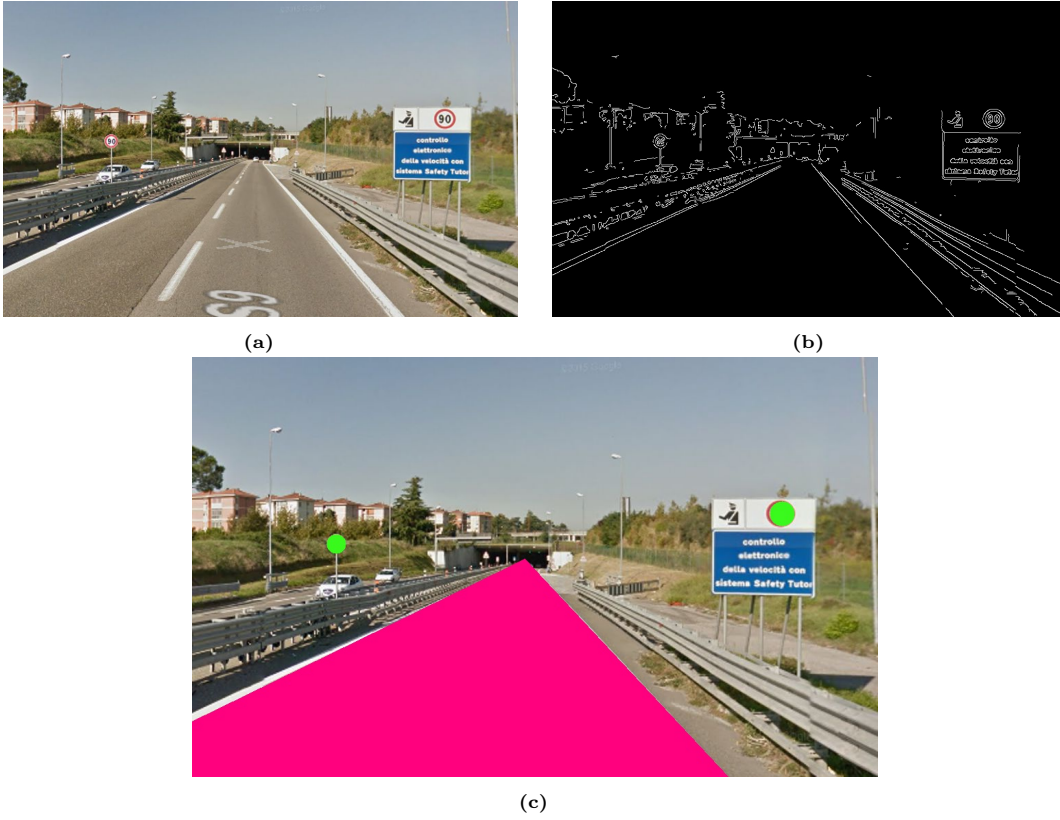


Figure 3

Canny	apertureSize	3	HoughLines	rho	1	HoughCircles	dp	1
	threshold1	450		theta	0.05		minDist	1
	threshold2	730		threshold	62		param1	67
				min theta	1		param2	31
				max theta	3		minRadius	0
							maxRadius	14

Table 3: *ROAD4*



(a)



(b)



(c)

Figure 4