

Weather Station	Year	Theta0	Theta1	Iterations	Step size
Heathrow	1960	1	1	100	.1
Heathrow	1990	1	1	100	.01
Heathrow	2000	1	1	100	.001
Belgrade	1960	-1	0	150	.001
Belgrade	1990	-1	0	150	.01
Belgrade	2000	-1	0	150	.1
Madrid	1960	0	0	250	.01
Madrid	1990	0	0	250	.001
Madrid	2000	0	0	250	.1

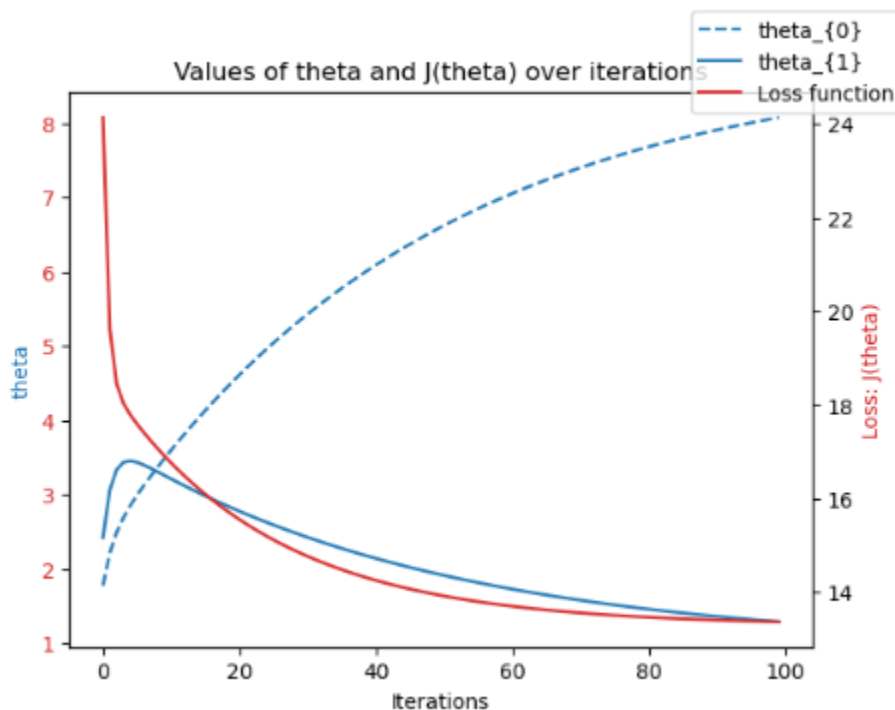
Observations about Mean Temperatures of Belgrade, Heathrow, and Madrid from 1960, 1990, and 2000

The mean temperatures of all three cities rose from 1960 to 2000.

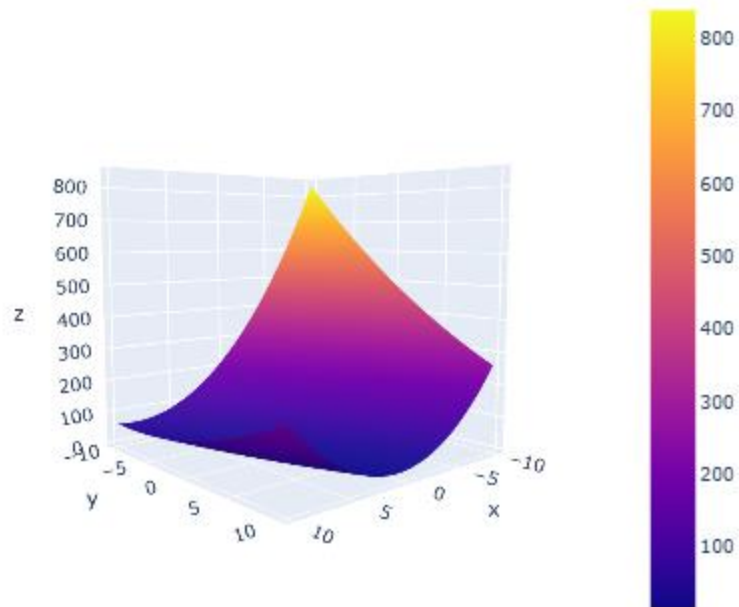
From 1990 to 2000, the mean temperatures of Heathrow and Madrid fell, while the mean temperature of Belgrade rose.

Belgrade saw the greatest change in average temperature with a 13.7 percent difference from 1960 to 2000.

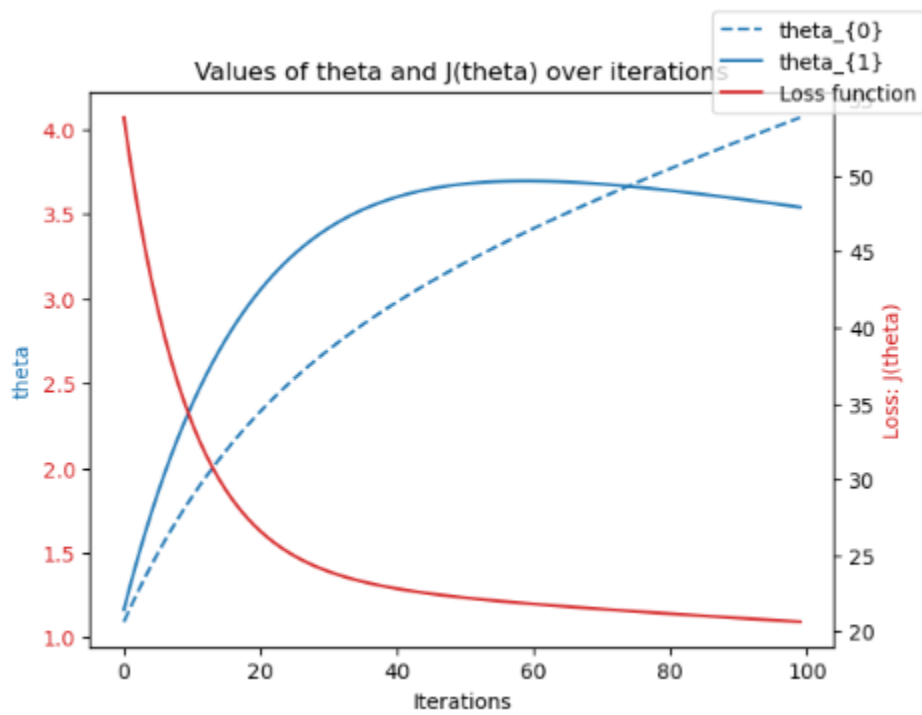
Heathrow 1960

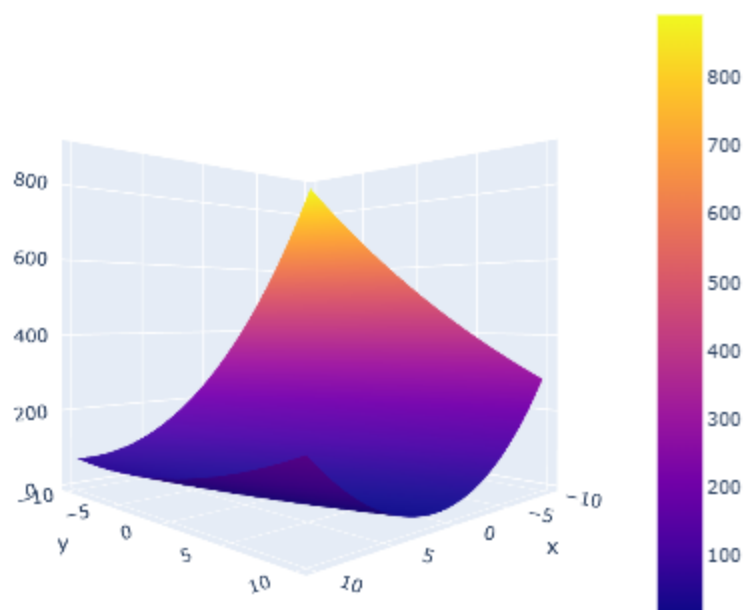


Loss function for different thetas

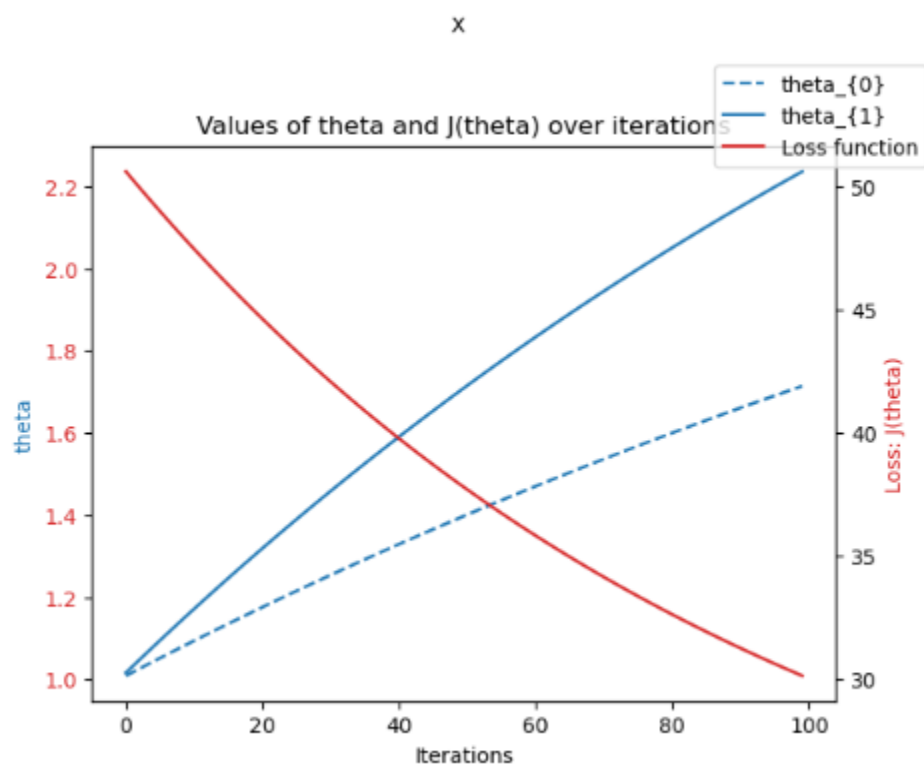


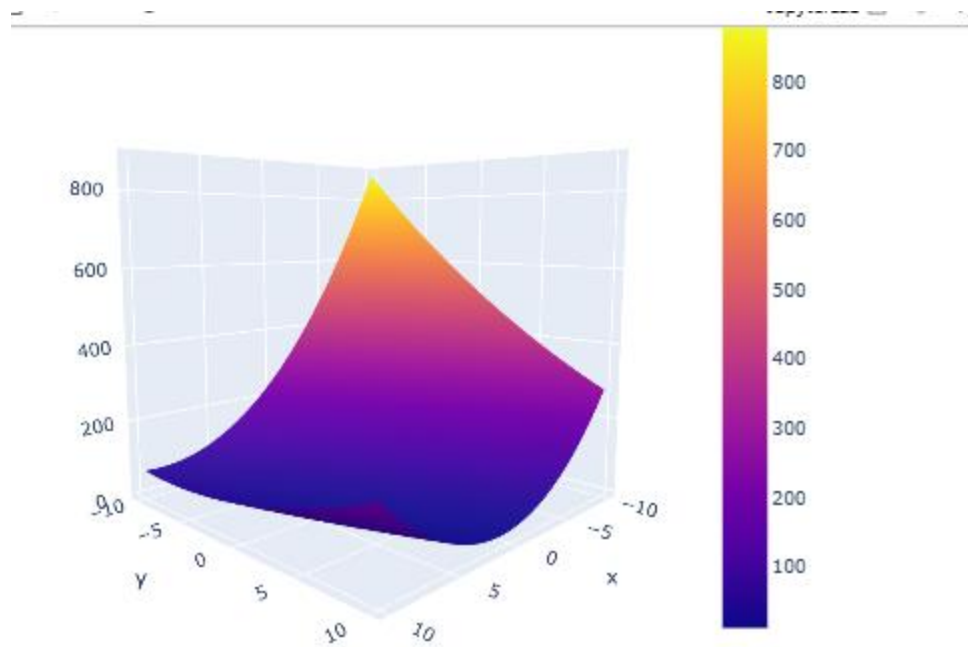
1990





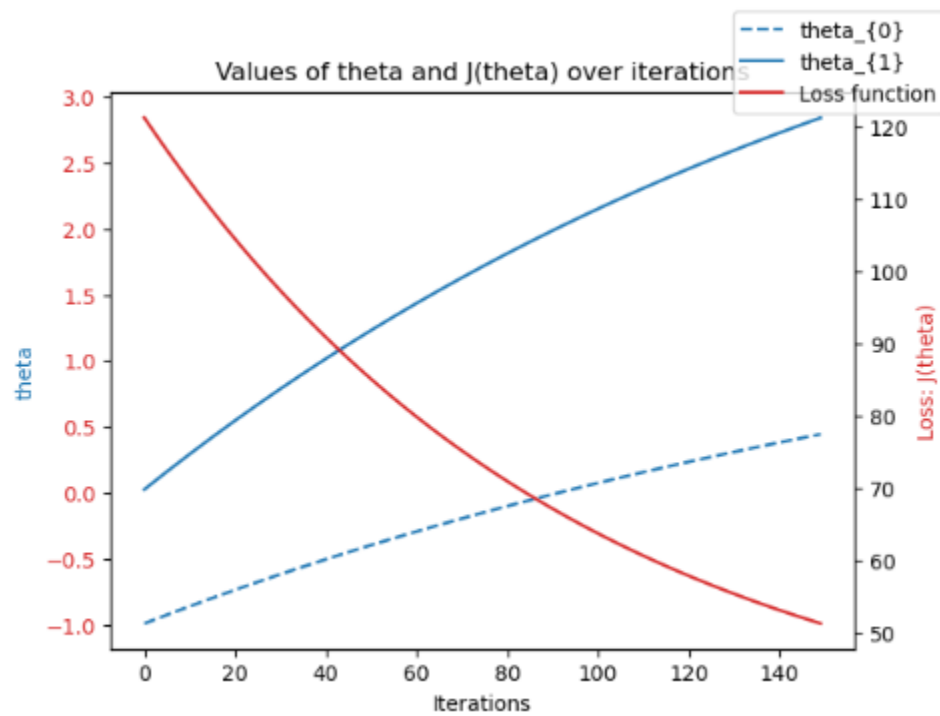
2000



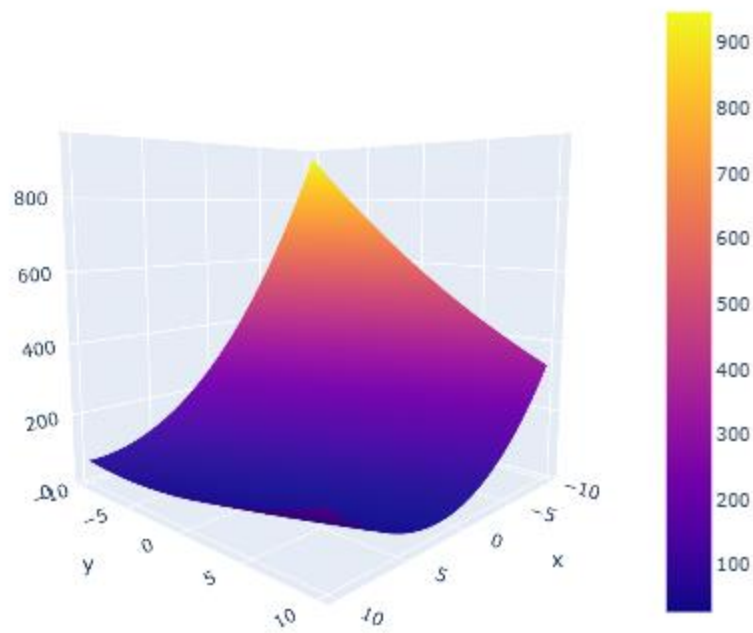


Belgrade

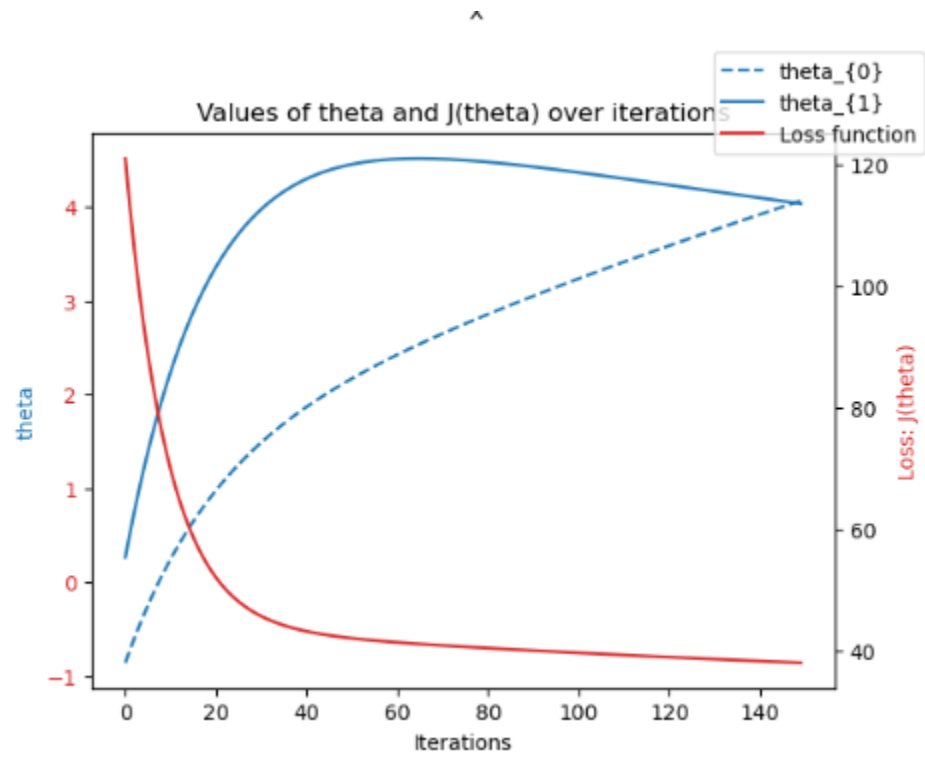
1960



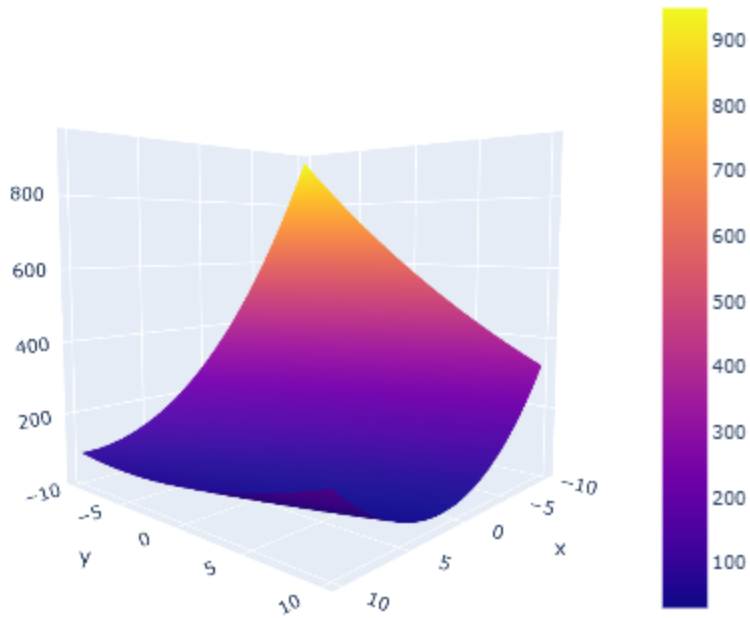
Loss function for different thetas



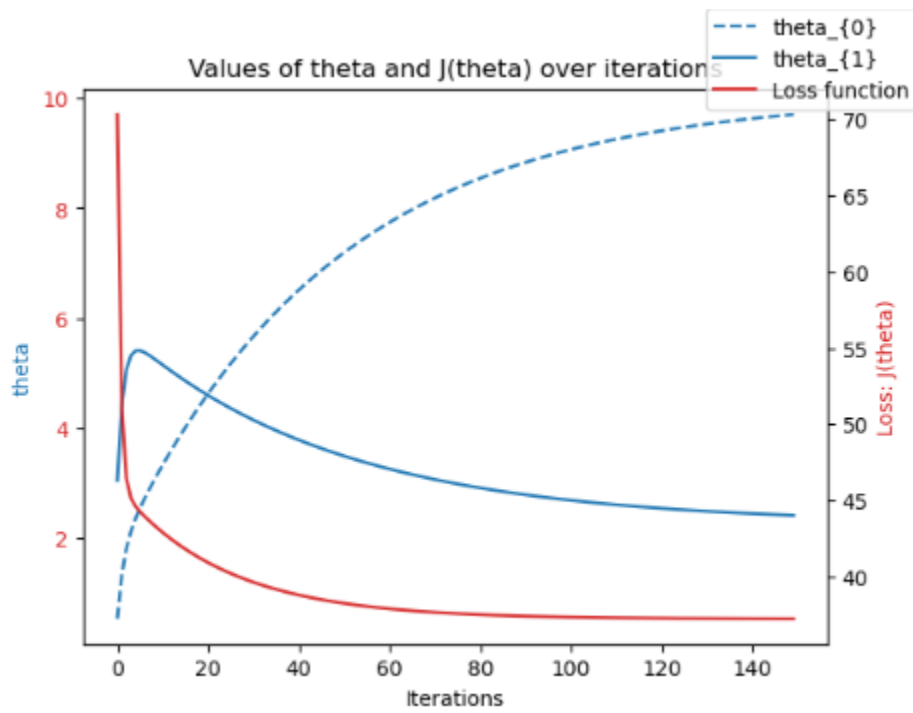
1990



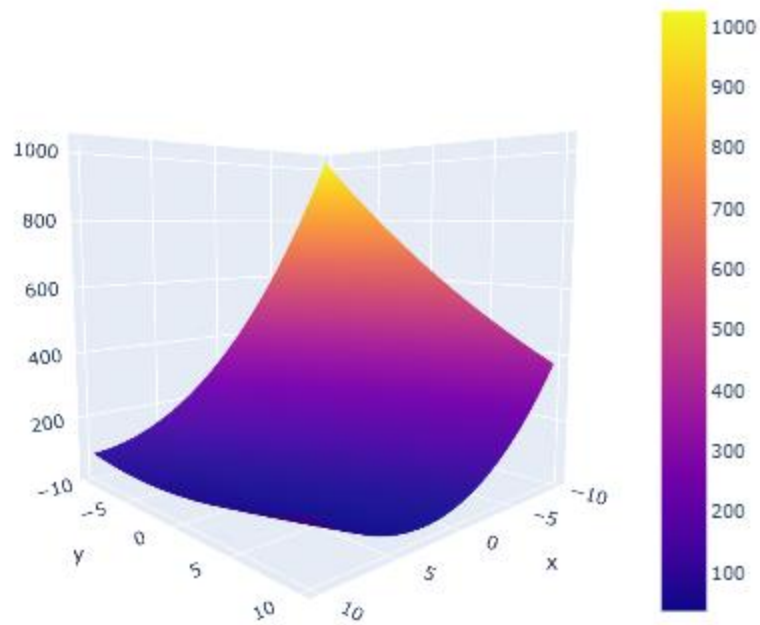
Loss function for different thetas



2000

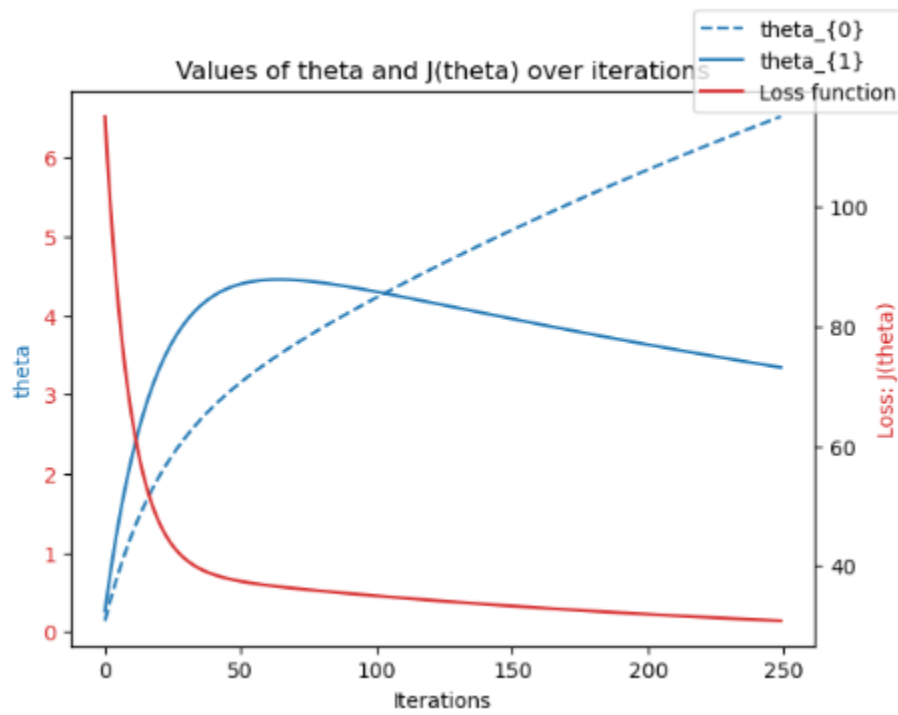


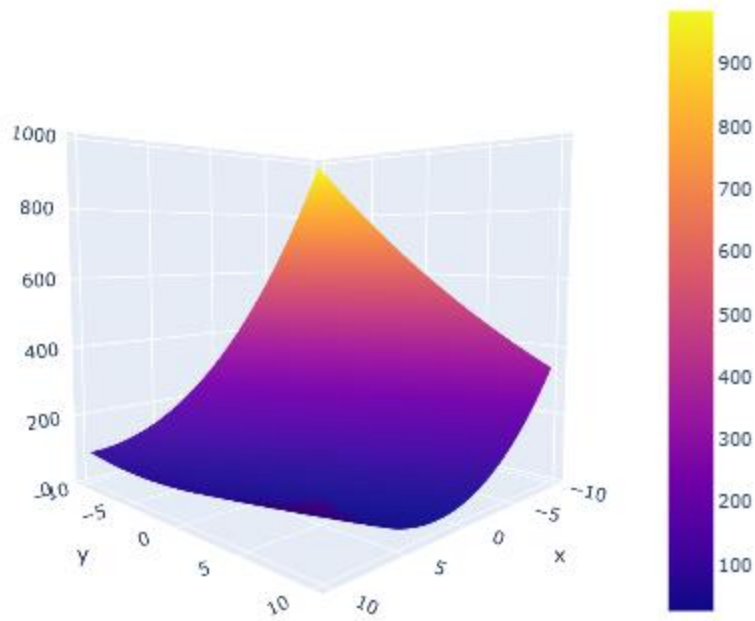
Loss function for different thetas



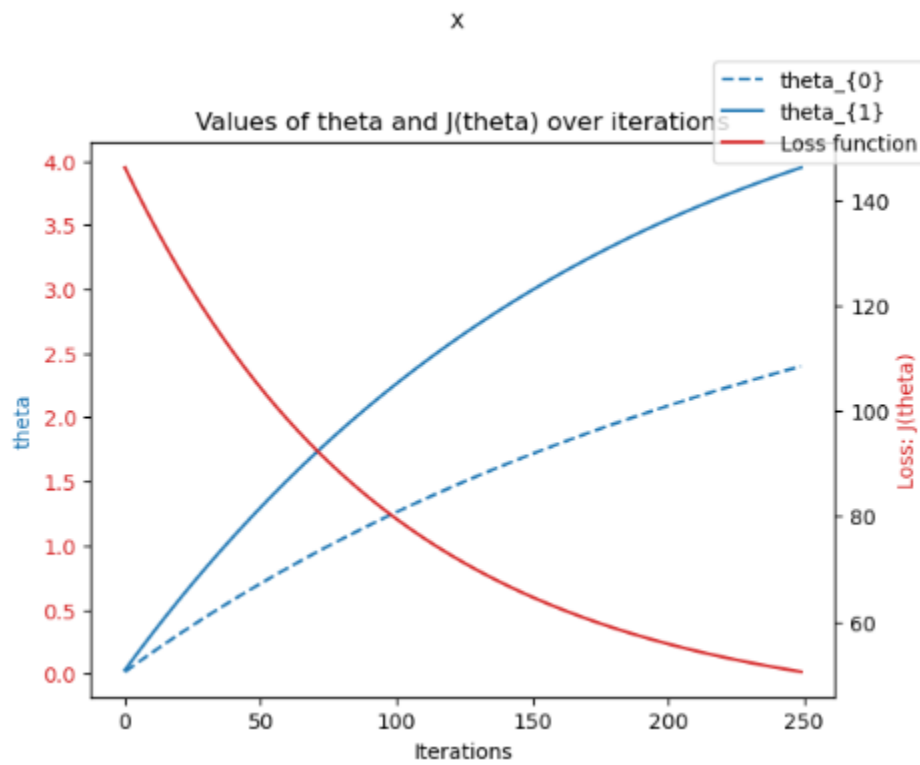
Madrid

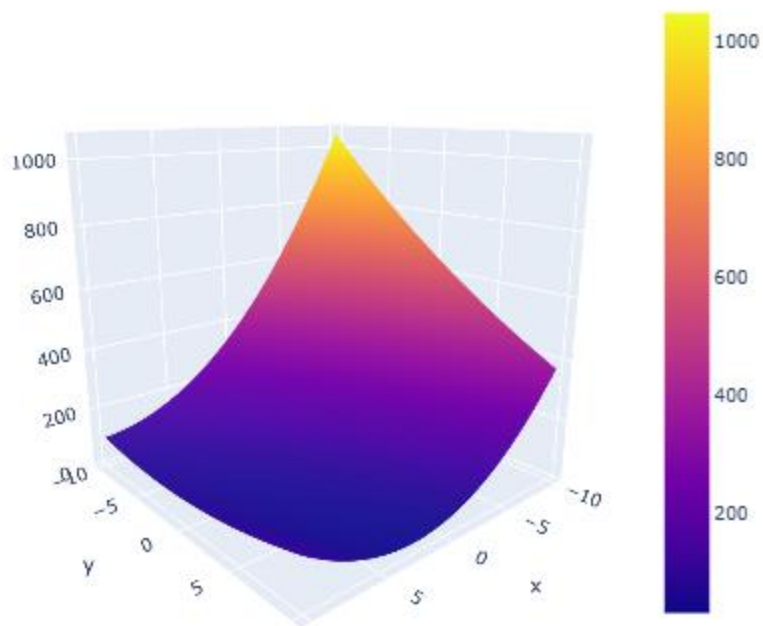
1960



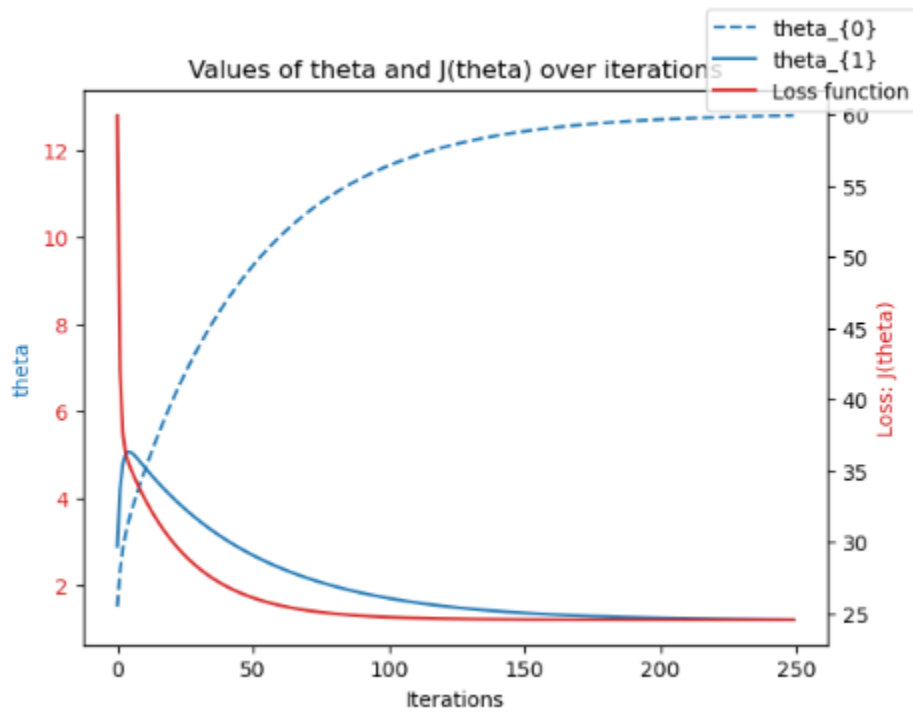


1990





2000



Loss function for different thetas

