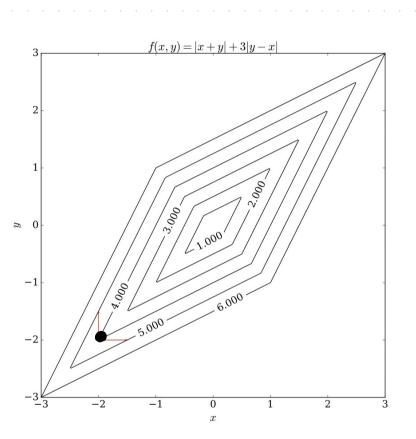
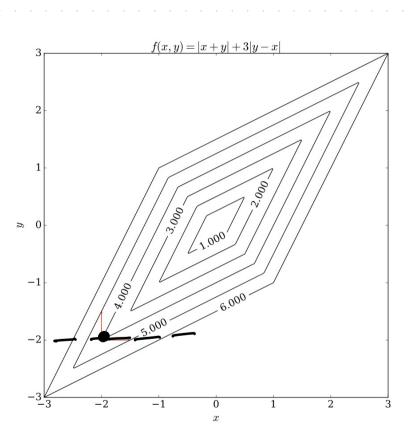


FAILURE OF COORDINATE



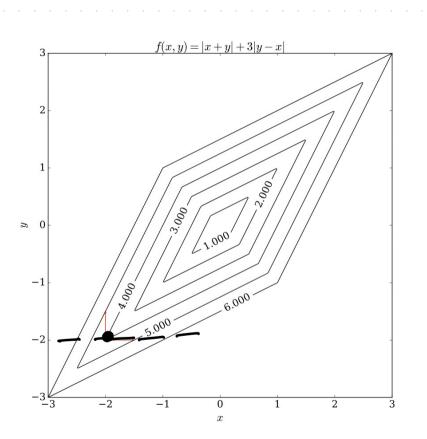
FAILURE OF COORDINATE
DESCENT

START WITH (X,Y) = (-2,72)



FAILURE OF COORDINATE
DESCENT

START WITH (x,y) = (-2,-2)FIX y = -2, OPTIMIZE ABOUT 2.

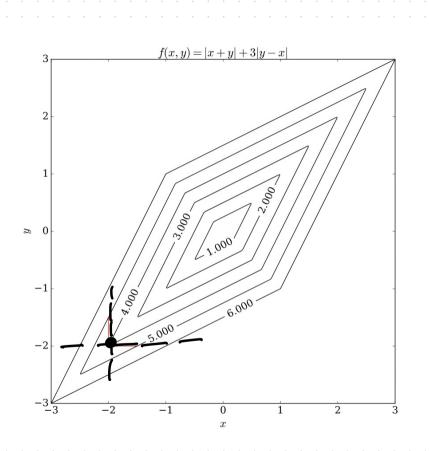


FAILURE OF COORDINATE
DESCENT

START WITH (x, y) = (-2, -2)

FIX y=-2, OPTIMIZE
ABOUT 2.

OBJECTIVE INCREASES
IN BOTH DIRECTIONS



FAILURE OF COORDINATE

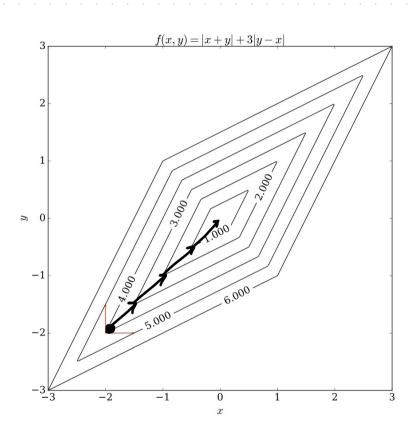
START WITH (x,y) = (-2,-2)FIX y = -2, OPTIMIZE ABOUT 2.

OBJECTIVE INCREASES

IN BOTH DIRECTIONS

SIMILAR IF WE FIX

2 and OPTIMIZE ABOUTY



GRADIENT DESCENT

-NEED SIMULTANEOUS
UPDATE IN BOTH
COORDINATES