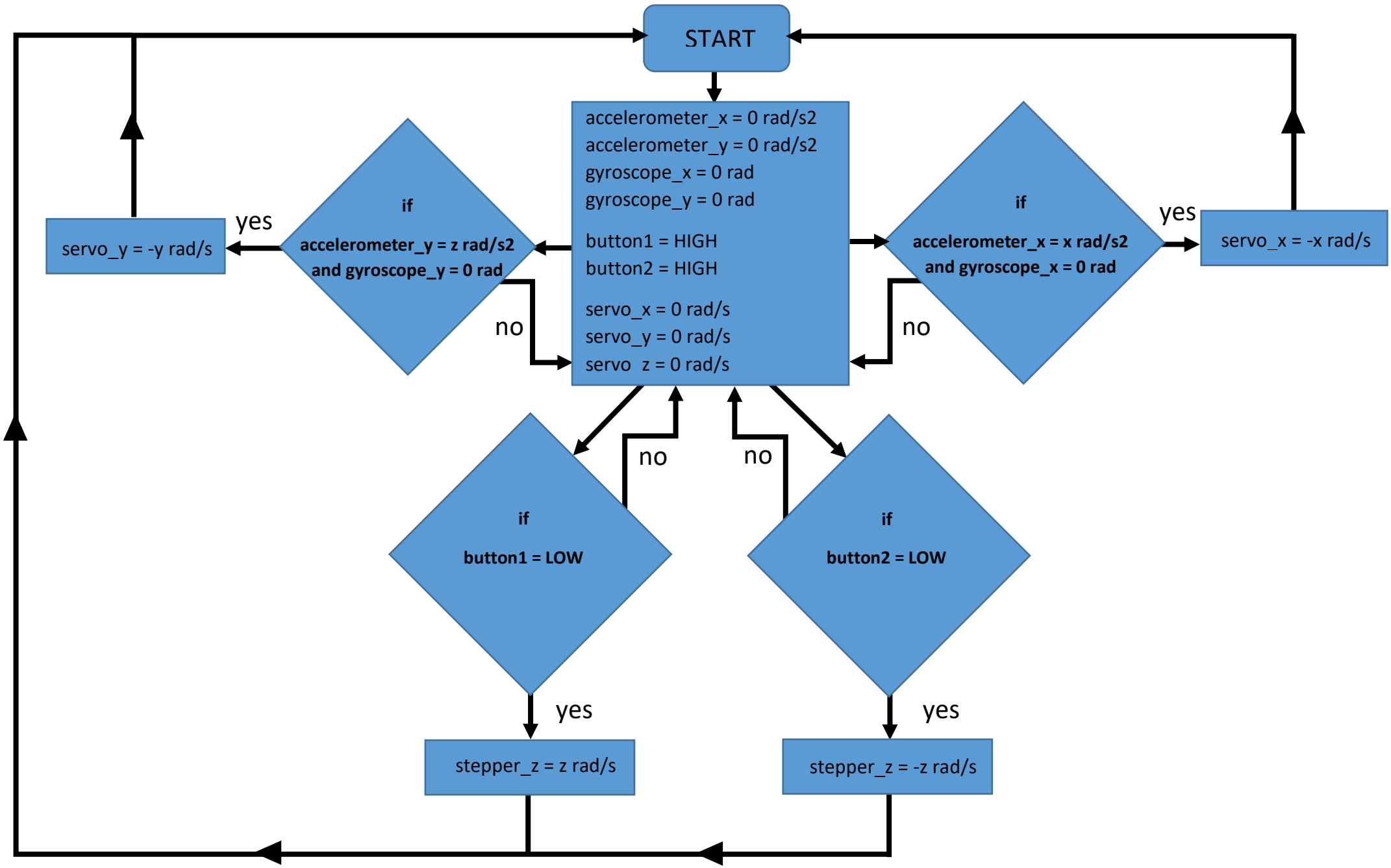
START
accelerometer_x = 0 rad/s2
accelerometer_y = 0 rad/s2
gyroscope_x = 0 rad
gyroscope_y = 0 rad
button1 = HIGH
button2 = HIGH
servo_x = 0 rad/s
servo_y = 0 rad/s
servo_z = 0 rad/s
if
accelerometer_y = z rad/s2
and gyroscope_y = 0 rad
yes
servo_y = -y rad/s
no
if
accelerometer_x = x rad/s2
and gyroscope_x = 0 rad
yes
servo_x = -x rad/s
no
if
button1 = LOW
no
yes
stepper_z = z rad/s
if
button2 = LOW
no
yes
stepper_z = -z rad/s