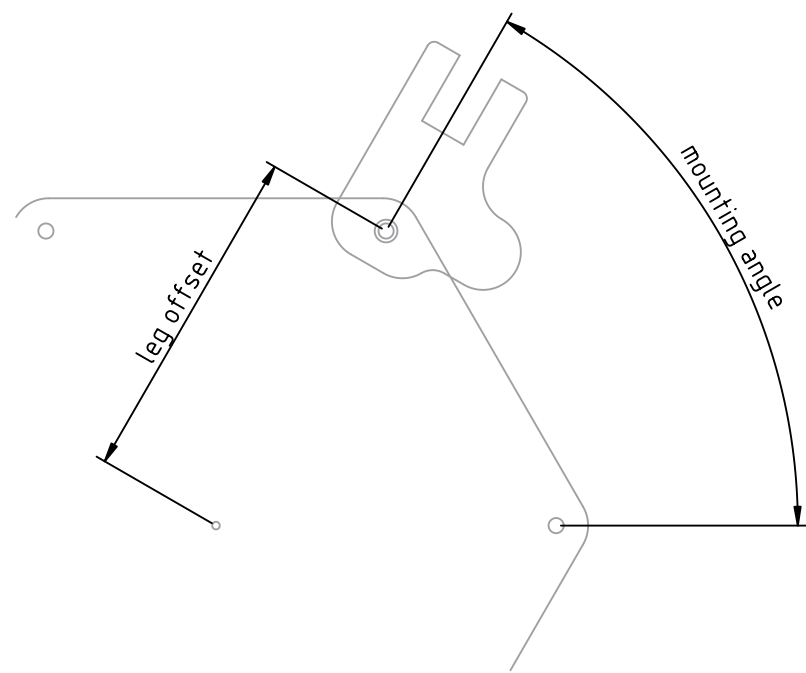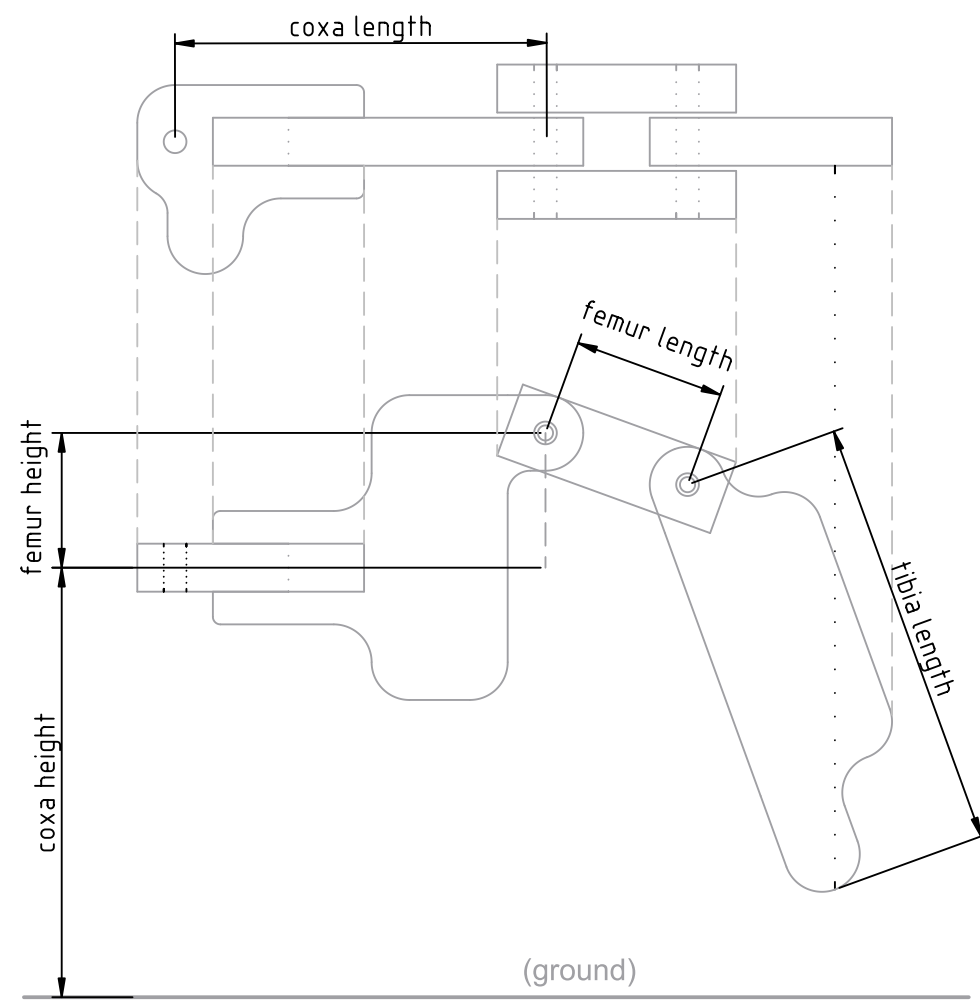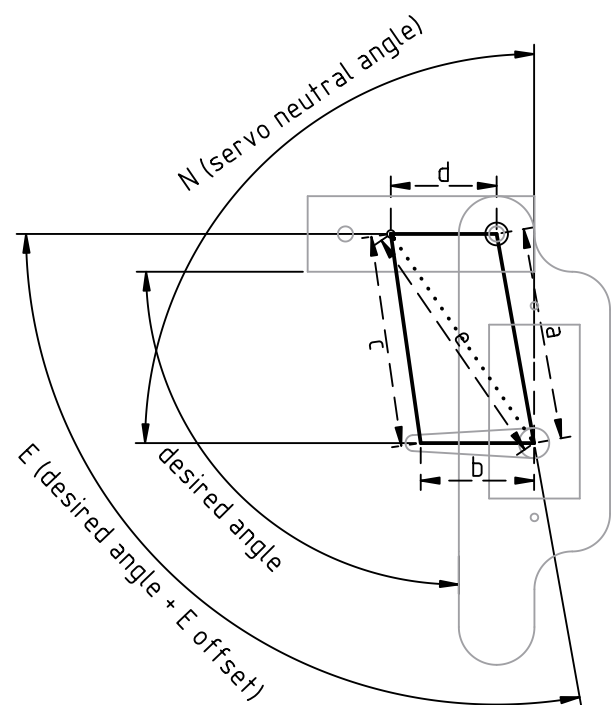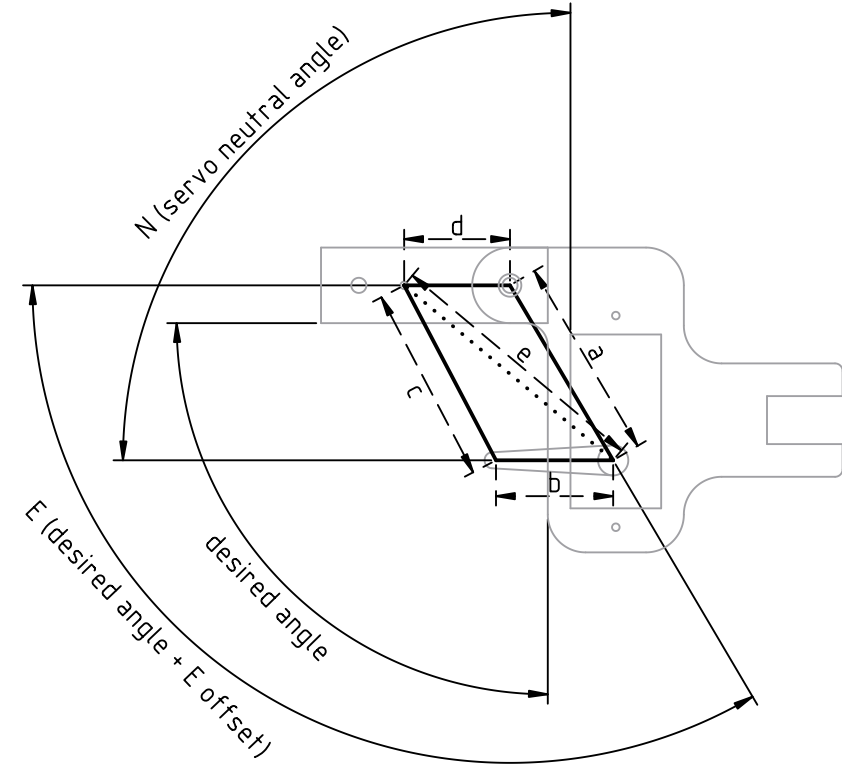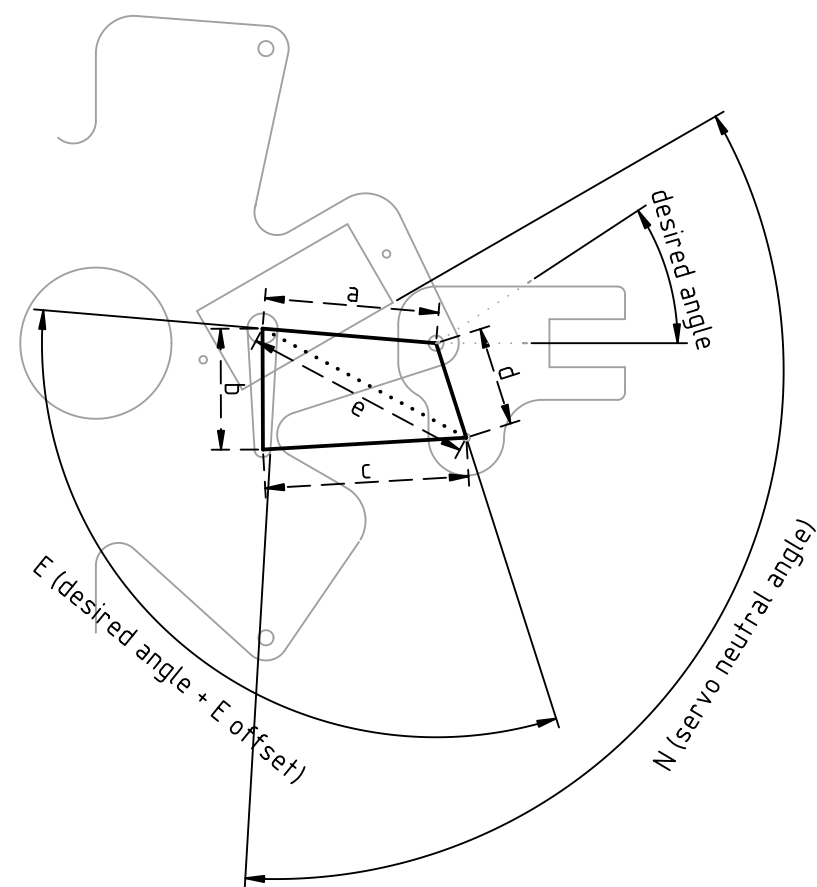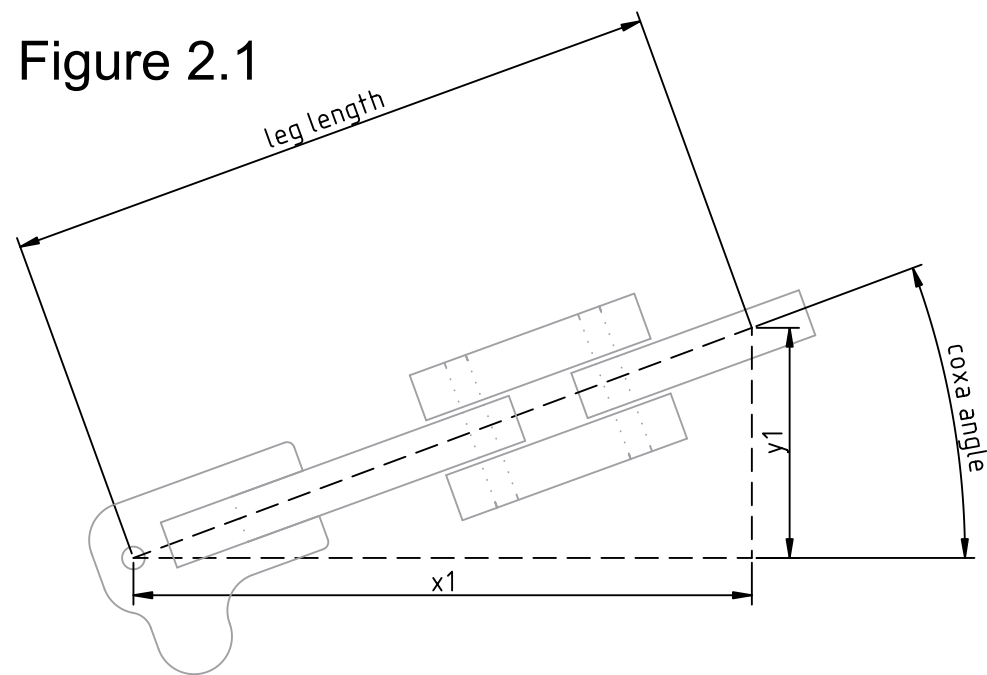Figure 1.1

Figure 1.2

Figure 1.3

Figure 1.4

Figure 1.5

Figure 2.1

Figure 2.2

Figure 2.3
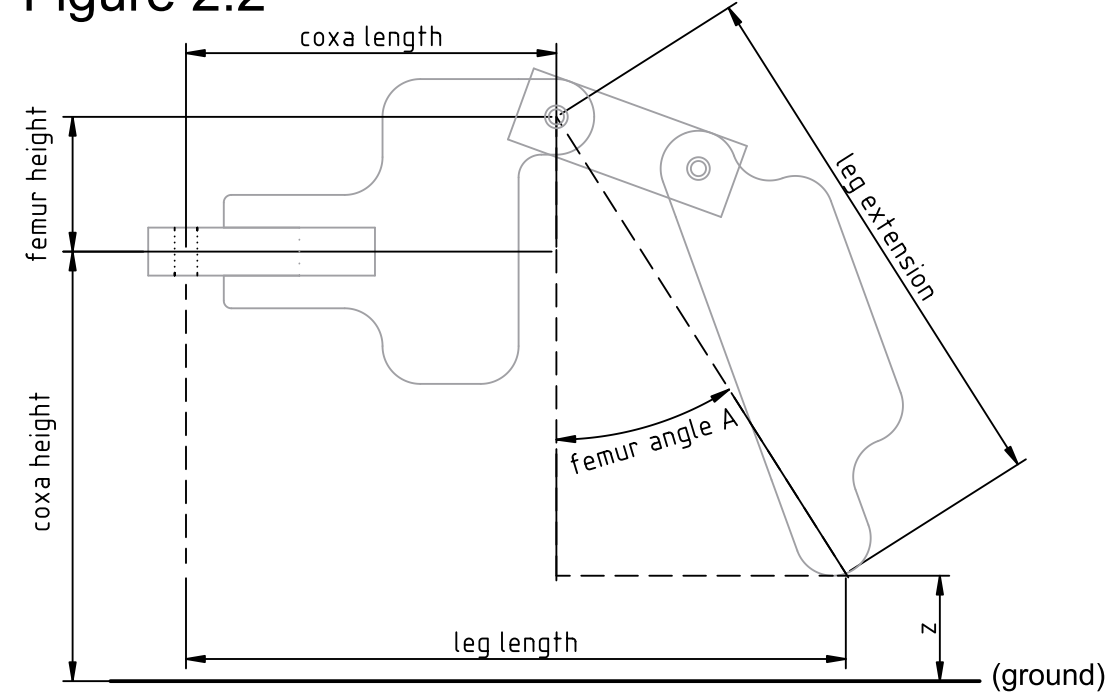
Figure 2.4
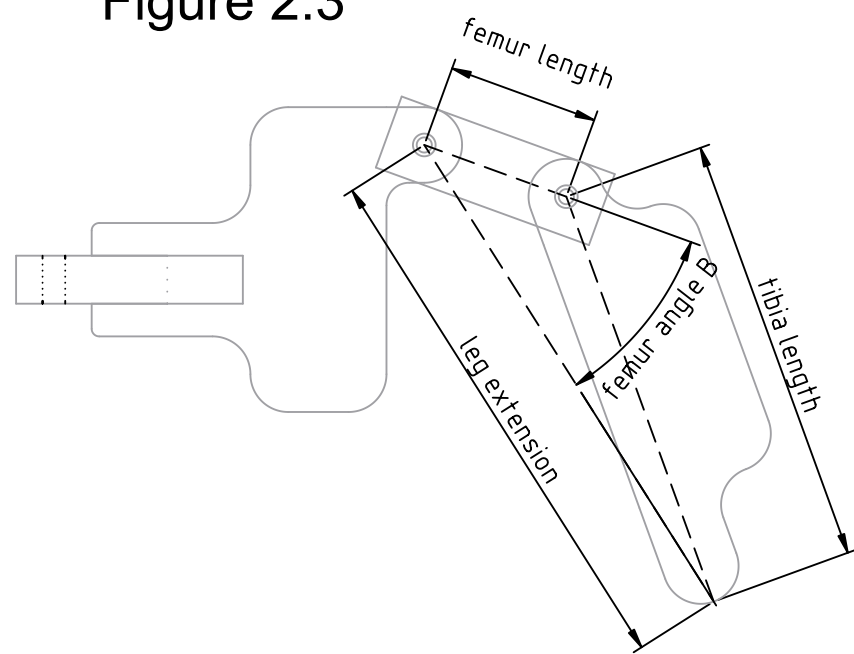
leg offset

mounting angle

coxa length

femur length

femur height

coxa height

tibia length

(ground)

N (servo neutral angle)

d

c

e

a

b

E (desired angle + E offset)

desired angle

N (servo neutral angle)

d

c

e

a

b

E (desired angle + E offset)

desired angle

a

d

e

b

c

desired angle

E (desired angle + E offset)

N (servo neutral angle)

leg length

coxa angle

y1

x1

coxa length

femur height

coxa height

leg extension

femur angle A

leg length

z

(ground)

femur length

leg extension

femur angle B

tibia length

femur length

tibia angle

leg extension

tibia length