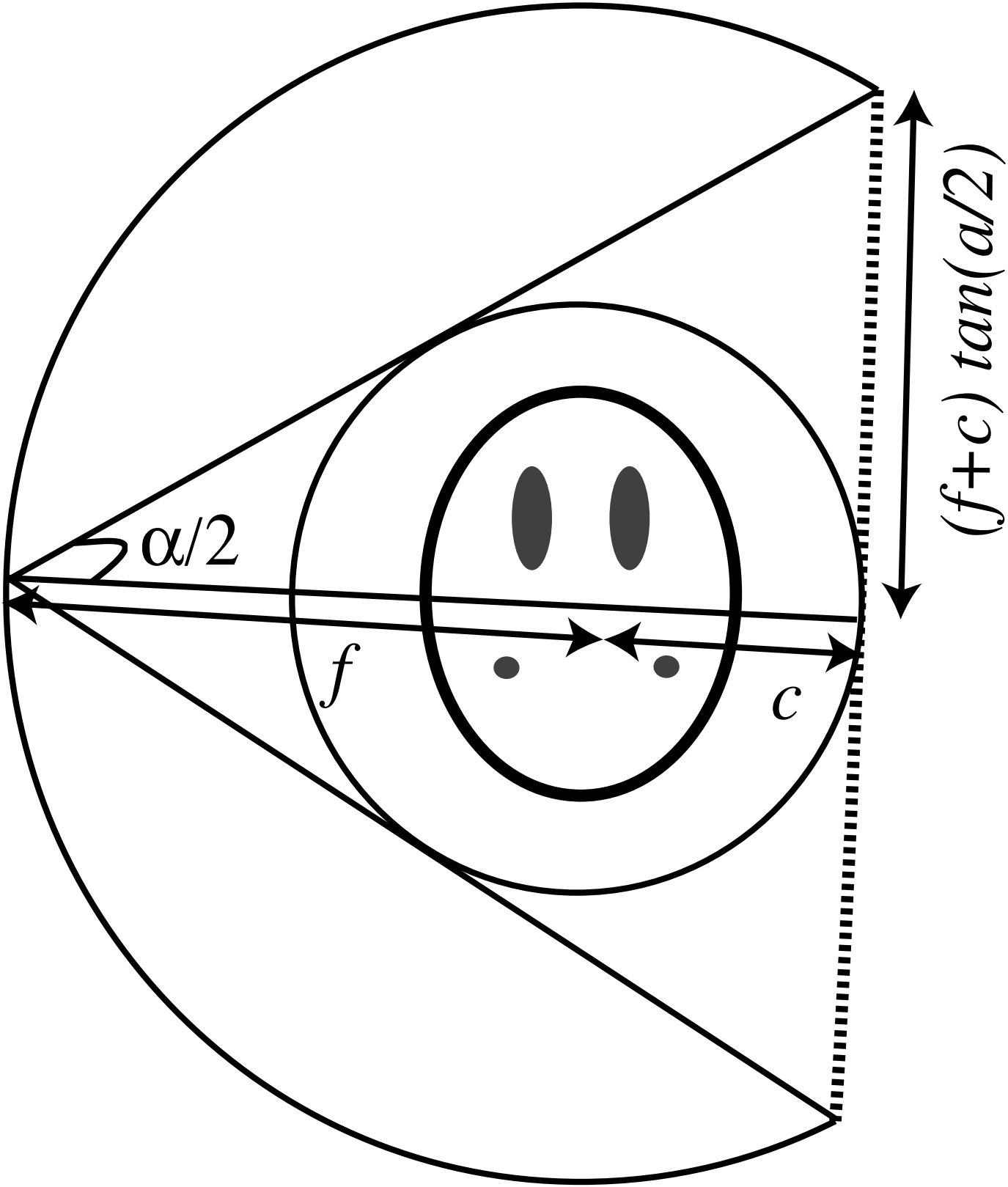

α/2
f
c
(f+c) tan(α/2)