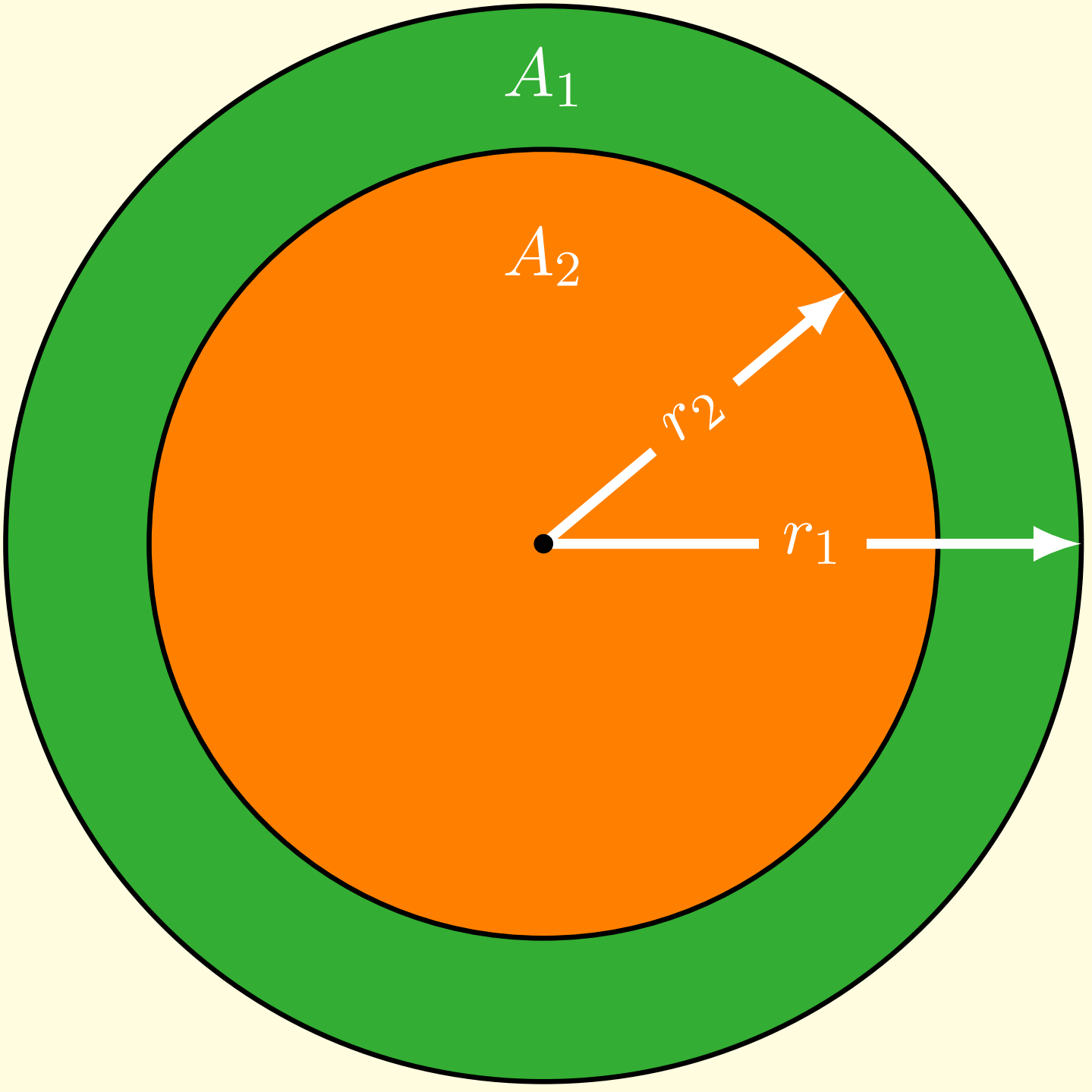
A_1
A_2
r_2
r_1