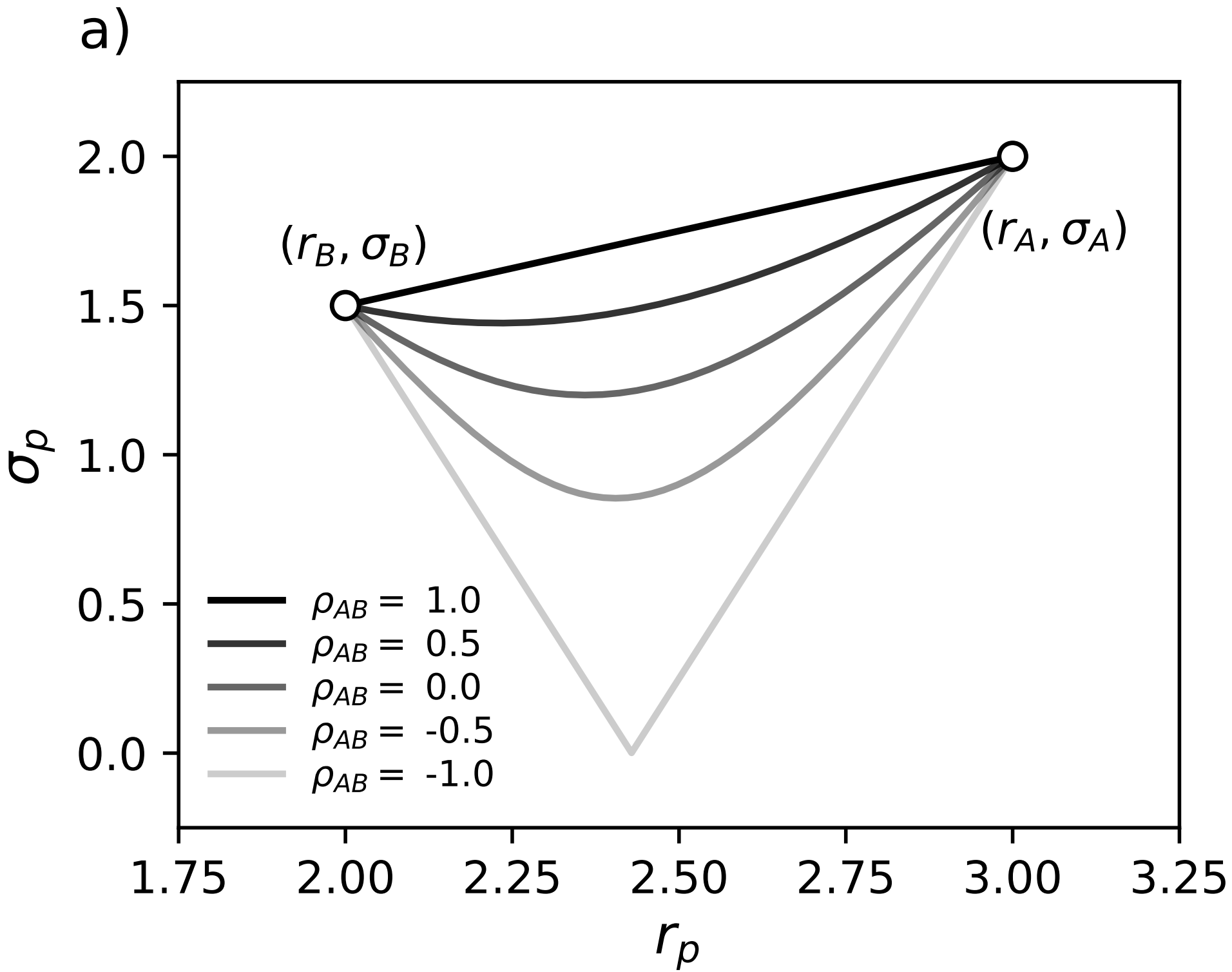
a)
2.0
1.5
1.0
0.5
0.0
σ_p
(r_B, σ_B)
(r_A, σ_A)
$\rho_{AB} =$ 1.0
$\rho_{AB} =$ 0.5
$\rho_{AB} =$ 0.0
$\rho_{AB} =$ -0.5
$\rho_{AB} =$ -1.0
1.75
2.00
2.25
2.50
2.75
3.00
3.25
r_p