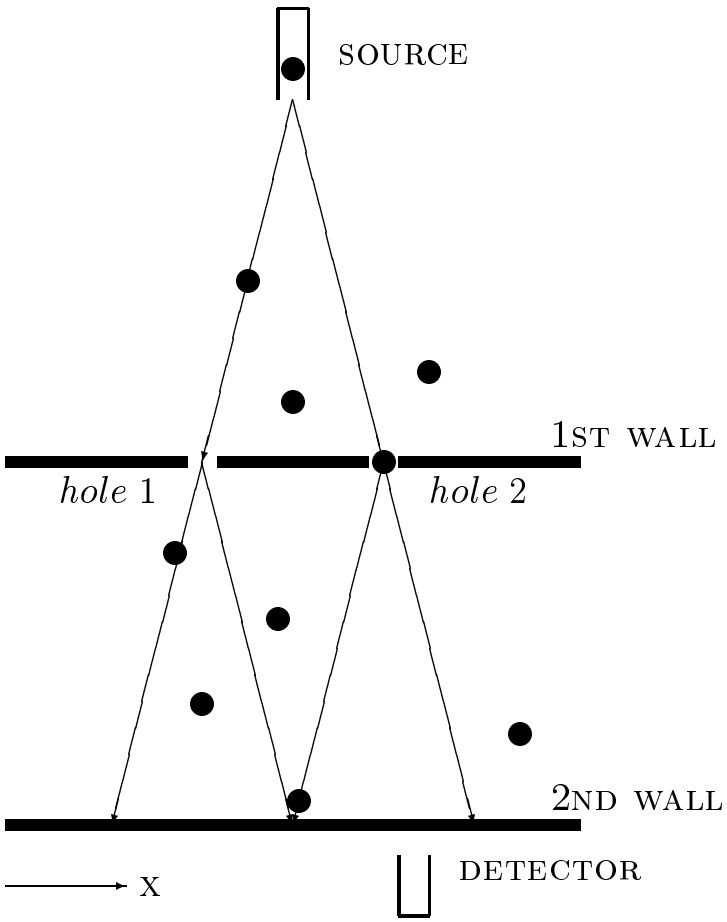

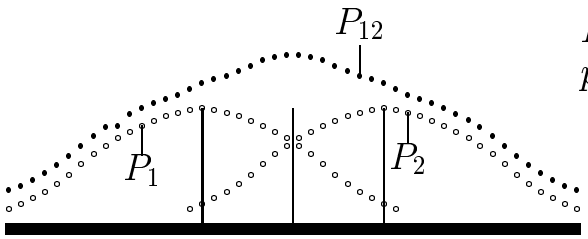

$P_{12} = P_1 + P_2$ *by superposition of probabilities*

SCATTERING TENNIS BALLS