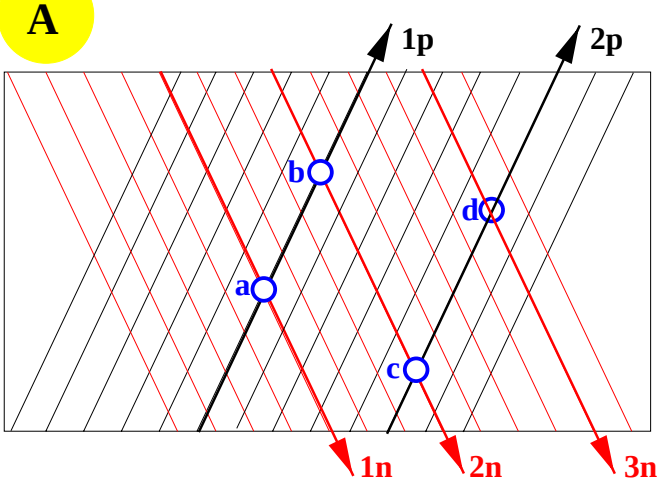
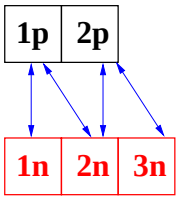
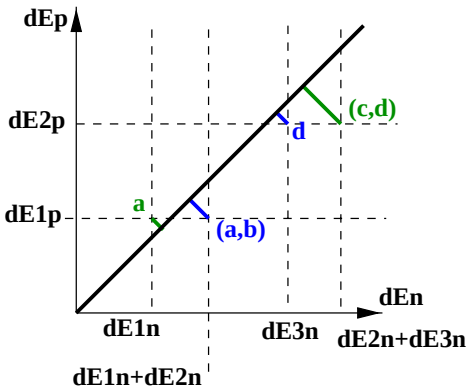
4 Cases 2 - 3

A







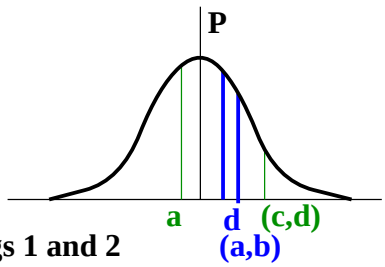
2 possible configurations:

1) a - b - d

2) a - c - d

p (1) = p(a,b)*p(d)

p(2) = p(a)*p(c,d)

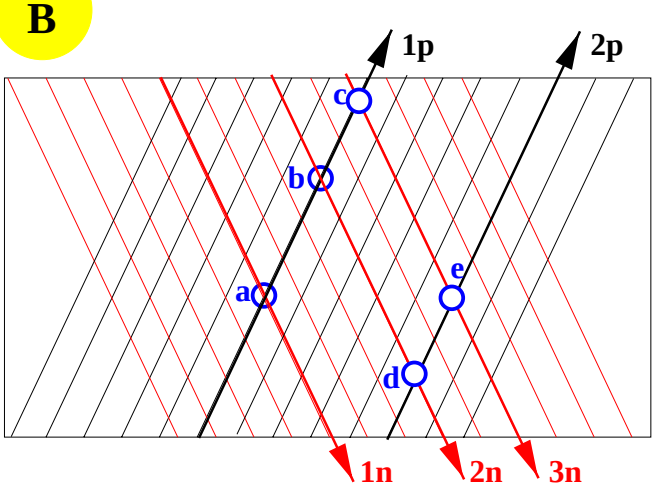


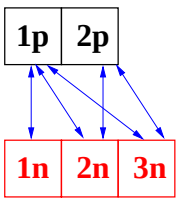
relative probabilities of configs 1 and 2

exemple : P (1) = 70 % P (2) = 30 %

P (a) = 100 % P (d) = 100 % P (b) = 70% P (c) = 30%

B





3 possible configurations:

1) a-b-e
dE1p , dE1n+dE2n
dE2p, dE3n

2)a-c-d
dE1p , dE1n+dE3n
dE2p , dE2n

3) a-d-e
dE1p, dE1n
dE2p , dE2n+dE3n

↓

relative probabilities of 1 , 2 and 3
weights of a , b , c , d , e

exemple : P (1) = 60 % P(2) = 30 % P(3) = 10 %

P (a) =100 % P(b) =60 % P(c) = 30 % P(d) = 40 % P(e) = 70 %