

$$x = \frac{G2\Omega}{D} = GN(0)$$

(b)

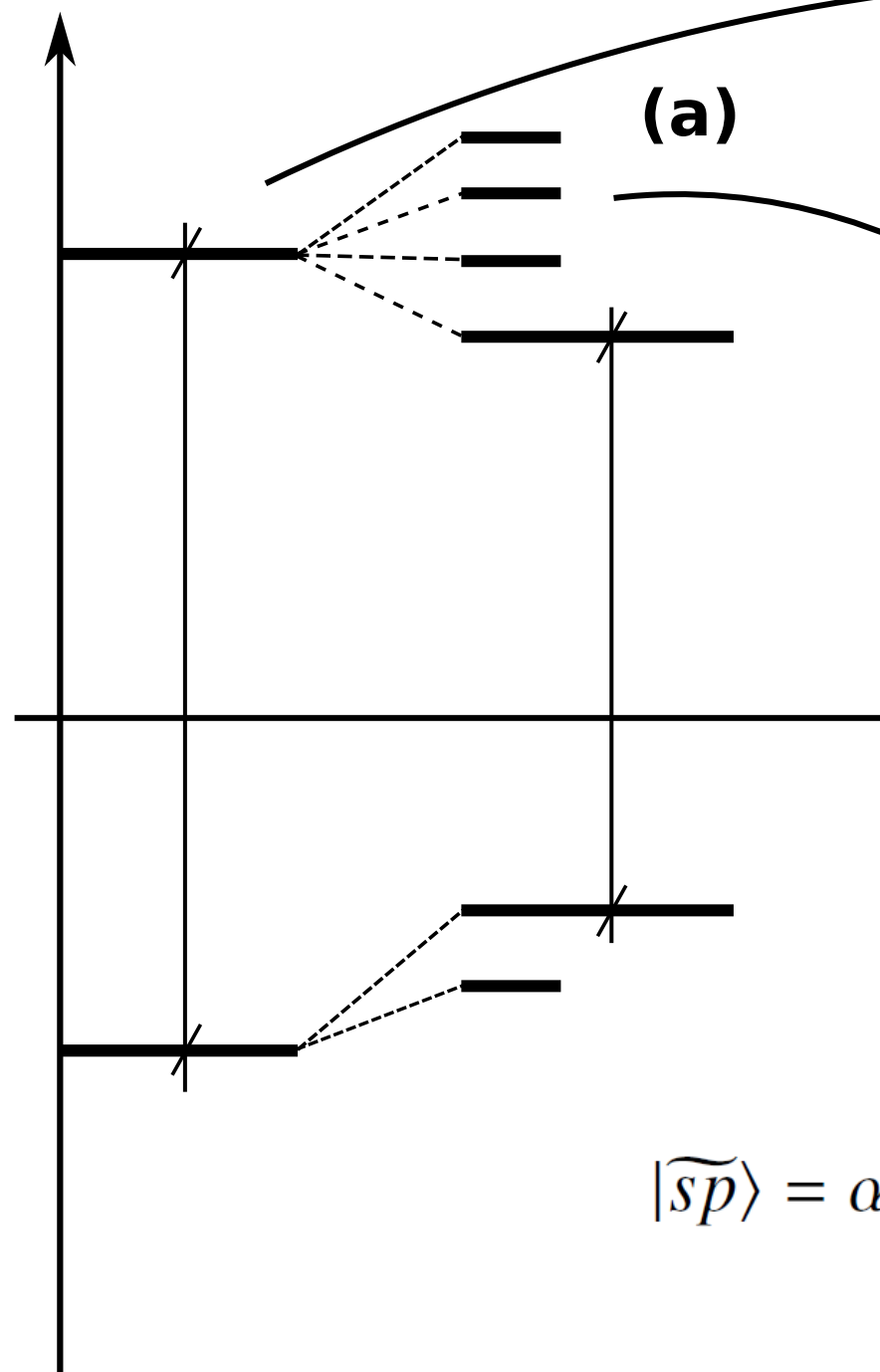
(c)

$$\tilde{x} = \tilde{G}\tilde{N}(0)$$

$$\tilde{G} = Z^2(G + G_{ind})$$

$$\tilde{N}(0) = N(0)/Z$$

$$\tilde{x} = Z(G + G_{ind})N(0)$$



$$|\widetilde{sp}\rangle = \alpha|sp\rangle + \beta|(sp)'\otimes\lambda\rangle$$

(d)

