

(1) ES #1 COMPITO A

$$P_{MALATO} = \frac{2}{3} \times \frac{1}{2} \times \frac{1}{2} \times \frac{1}{4} = \frac{1}{24} \quad P_{SANO} = \frac{23}{24}$$

(2)

III 5 x III 8 $\rightarrow$ Aa

$$\begin{matrix} Aa \\ (1) \end{matrix} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

$$P = \frac{1}{4} + \frac{1}{4} = \frac{1}{2}$$

$$\begin{matrix} Aa \\ (1) \end{matrix} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

ES #2

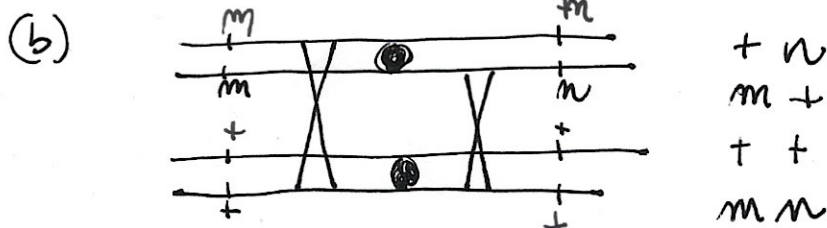
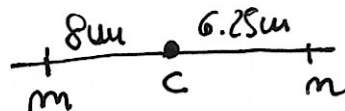
- 1) NESSUNA SINTESI
- 2) Z e A COSTITUTIVA
- 3) NESSUNA SINTESI
- 4) Z e Y INDUCIBILE
- 5) NESSUNA SINTESI

ES #3

$$(a) d_{m-cen} = \frac{1}{2} \left(\frac{32+6+3+1}{256} \right) = \frac{1}{2} \times \frac{42}{256} = 0.08 \rightarrow 8 \mu m$$

$$d_{m-cen} = \frac{1}{2} \left(\frac{22+6+3+1}{256} \right) = \frac{1}{2} \times \frac{32}{256} = 0.0625 \rightarrow 6.25 \mu m$$

$$d_{m-m} = \frac{3 + 1/2 (32 + 22 + 6)}{256} = 0.128 \rightarrow 12.8 \mu m$$



ES # 4

$$\begin{array}{c} 900m \quad 400m \\ | \quad | \quad | \\ zsr \quad rg \quad wx \end{array} \quad I = 0.32 \rightarrow c = 0.68$$

$$\frac{r_{zsr} + r_{wx}}{+ \quad rg \quad +} \times \frac{zsr \quad rg \quad wx}{+ \quad + \quad +}$$

$$(a) \text{ DOPPI SC} = 0.09 \times 0.04 \times 0.68 = 0.0024 / 2 = 0.0012 (+++)$$

$$\text{SC } I \text{ } rg = 0.09 - 0.0024 = 0.0876$$

$$\text{SC } II \text{ } rg = 0.04 - 0.0024 = 0.0376$$

$$\text{TOT} = 0.0024 + 0.0876 + 0.0376 = 0.1276$$

$$\text{PARENTAL} = 1 - 0.1276 = 0.8724 / 2 = 0.4362$$

$$\begin{array}{cc} 0.0012 & 0.4362 \\ (+++) & (rg) \end{array} = 0.4374 \times 15.000 = 6561$$

$$(b) \frac{r_{zsr} \quad r_{rg} \quad r_{wx}}{+ \quad + \quad +} \times \frac{zsr \quad rg \quad wx}{+ \quad + \quad +} \quad I = 0$$

$$\text{DOPPI} = 0.04 \times 0.08 = 0.0032 / 2 = 0.0016$$

$$0.0016 \times 0.5 = 0.0008 \times 15000 = 12.5$$

♂ rg

#5

$$pA = \frac{(488 \times 2) + 592 + 88}{(2 \times 591) + 654} = \frac{1656}{1836} = 0.90$$

$$pB = 1 - 0.90 = 0.1$$