COMPITO A

Se Ne le ⊗ Se ne Le

(1)

	PD	NPD	T	
Se Ne	103 70 16	174	150 8 119 ~~16~~ 360	PD ≅ NPD Non associati
Ne Le	103 16	119	150 8 70 174 360	PD ≅ NPD Non associati
Se Le	103 150 16	8	119 70 174 360 } 723	PD >> NPD Associati

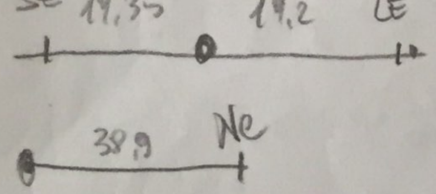
Totale = 1000

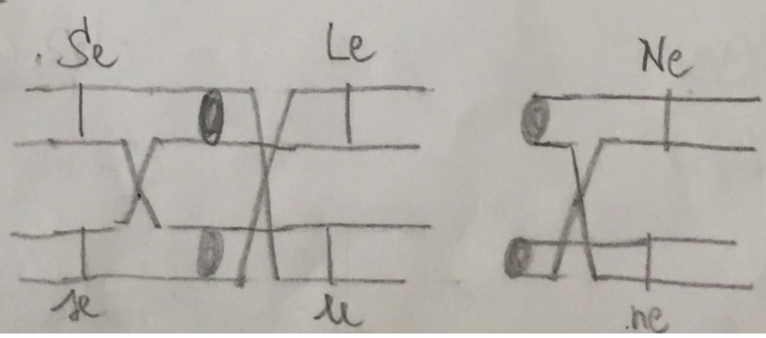
$$DIS_{SeLe} = \frac{8 + 1/2(119+70+174+360)}{1000} \times 100 = 36,95 \text{ uM}$$

$$CEN-Se = \frac{1/2(8+119+70+174+16)}{1000} \times 100 = 19,35 \text{ cM}$$

$$CEN-LE = \frac{1/2(8+16+360)}{1000} \times 100 = 19.2 \text{ uM}$$

$$CEN-NE = \frac{1/2(150+8+70+174+16+360)}{1000} \times 100 = 38,9 \text{ uM}$$

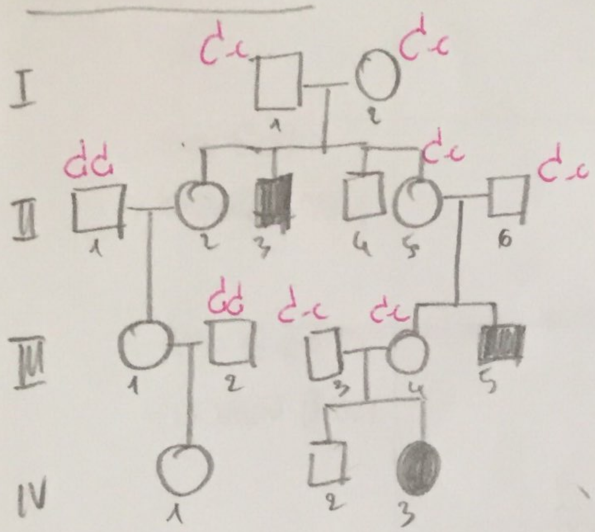




G

Se le Ne
se Le ne
Se le ne
se Le Ne

Compito A



II1 × II2 → III1

Cc × Cc (1/3) ⇒ $1/3 \cdot 1 = 1/3$ CC

CC ⊗ Cc (2/3) ⇒ $1/2 \cdot 2/3 = 1/3$ CC

$1/3 + 1/3 = 2/3$ CC

CC ⊗ Cc (2/3) ⇒ $1/2 \cdot 2/3 = 1/3$ Cc

III1 × III2 ⇒ IV1

CC (2/3) ⊗ CC ⇒ $2/3 \cdot 1 = 2/3$ CC

Cc (1/3) ⊗ CC ⇒ $1/2 \cdot 1/3 = 1/6$ CC

CC $= 2/3 + 1/6 = 5/6$

Cc (1/3) ⊗ CC ⇒ $1/2 \cdot 1/3 = 1/6$ Cc

III3 ⊗ III4 ⇒ IV2

Cc (1) Cc (1) Cc $= 2/3$

CC $= 1/3$

a) IV1 ⊗ IV2 ⇒ V

CC (5/6) ⊗ CC (1/3)

Cc (1/6) ⊗ Cc (2/3) cc $= 1/6 \times 2/3 \times 1/4 = \frac{1}{36}$ Cc $= \frac{1}{6} \times \frac{2}{3} \times \frac{1}{2} = 1/18$

Cc (1/6) ⊗ CC (1/3) Cc $= 1/6 \cdot 1/3 \cdot 1/2 = 1/36$

CC (5/6) ⊗ Cc (2/3) Cc $= 5/6 \cdot \frac{2}{3} \cdot 1/2 = 5/18$

Cc $= 1/18 + 1/36 + 5/18 = 13/36$

3)

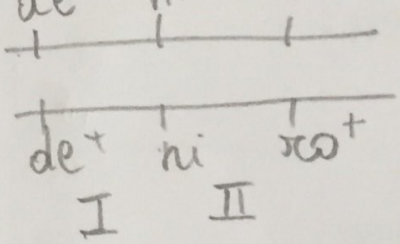
P [1761 de ro ni+
1773 de+ ro+ ni

RI [128 de ro+ ni
138 de+ ro ni+

RII [97 de ro+ ni+
89 de+ ro ni

DCO [8 de+ ro+ ni+
6 de ro ni

ni- al centro



Tot = 4000

$Dis_{de-ni} = \frac{128+138+8+6}{4000} \times 100 = 7\,cM$ $\quad cc = \frac{(8+6)}{(0,07 \times 0,05 \times 4000)} \simeq 1$

$Dis_{ni-ro} = \frac{97+89+8+6}{4000} \times 100 = 5\,cM$ $\quad I = 0$

Individui de+ ni+ ro+ attesi $(1/2\ DCO) = \frac{0,07 \times 0,05 \times 4000 \times 0,5}{2} \simeq 4$

I = 0,5 cc = 0,5