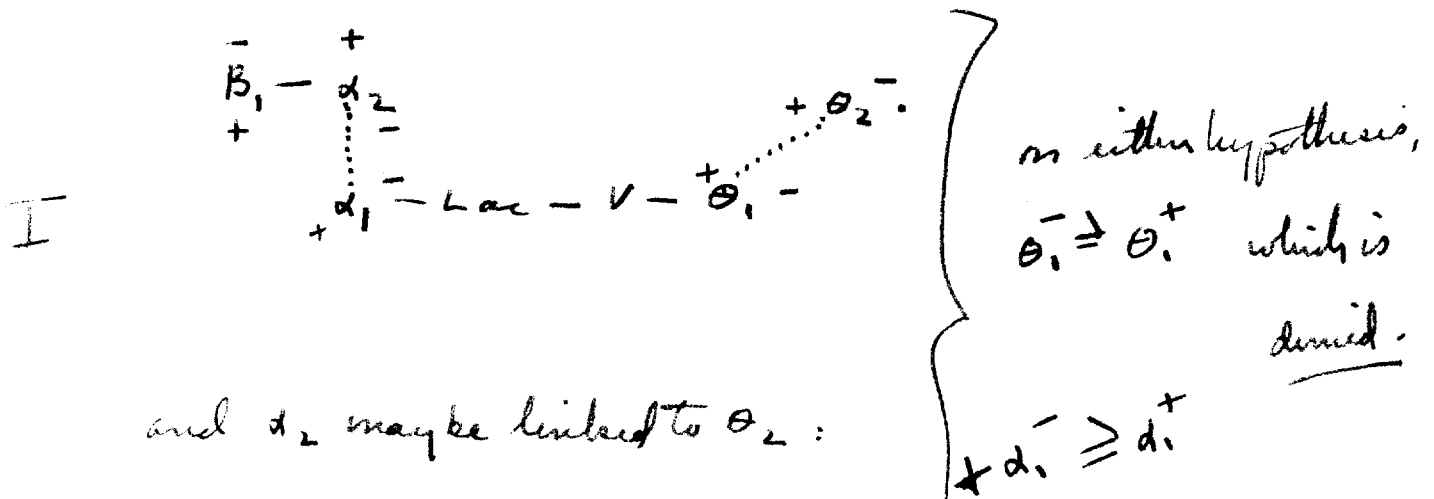


Spurious linkage.

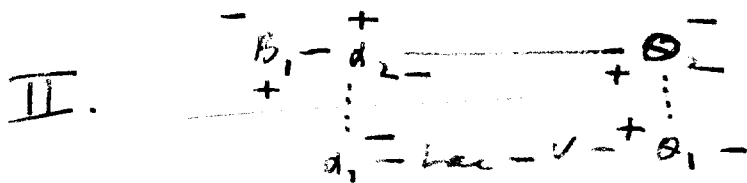
Call $B+M$ $d_1 + d_2$ resp.
and T or L $\theta_1 + \theta_2$ resp.

I. $d_1 - Lac - V - \theta_1$ is established.

Since B_1 is external to these, but does not segregate at random, it must be linked either to d_1 (exte.) or d_2 :



and d_2 may be linked to θ_2 :



On scheme I, $\theta_2^- = \theta_2^+$ (i.e. either T^- or L^-).

and $d_2^- = B_1^-$

Conceivably, $d_2^- = M^-$ (no data). but neither T^- nor $L^- = T^+$ or L^+ . \therefore n.g.

On scheme II $B_1^- \theta_2^- = d_2^- > ++$.

data on $B_1, L, freq.??$ if $d_2 = M$.
 $B_1, T.$

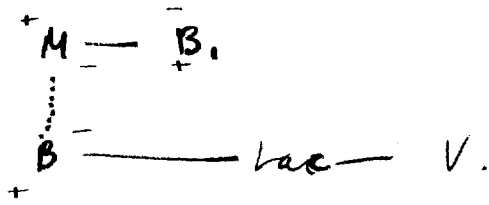
also possible: $d_2 - B_1 - \theta$

If there is a single linkage group, the map is consistent.

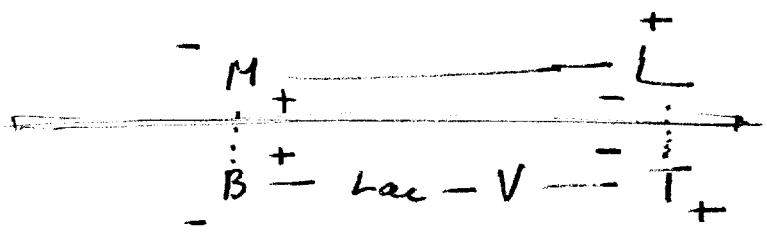
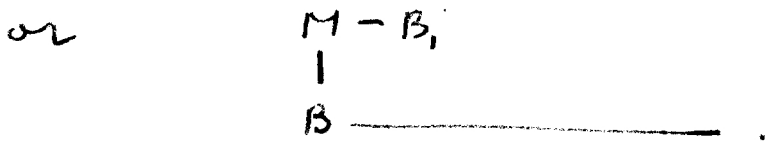
If there is more than one, with spurious linkage as indicated by technique, call B-M α and T-L β . There is at least:

$$\alpha_1 - Lac - V - \theta_1.$$

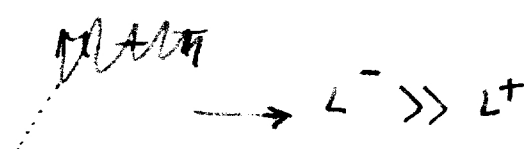
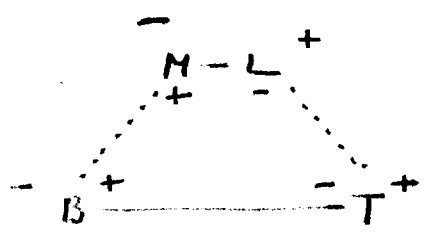
only alt for B_1 in view of ratio is:



Then $M^+ B_1^- = M^- B_1^+$
 exc. for recomb.
 since M^- is not $= B_1^-$
 n.g.



$M^+ L^-$ (or $M^+ T^-$) have
 to be shown to be
 infrequent. + v.v.



or
 ... actually alternative.

