

relations $R = n_p \cdot (n_p - 1) / 2$

$\Delta 123$: $d_1, d_2, \alpha_1 \rightarrow \beta_{123}, \beta_{231}, \beta_{312}$

$\Delta 234$: $\beta_{23}, d_3, d_4 \rightarrow \beta_{324}, \beta_{243}, \beta_{432}$

$$\text{dist}(P_1, P_2) = d_1$$

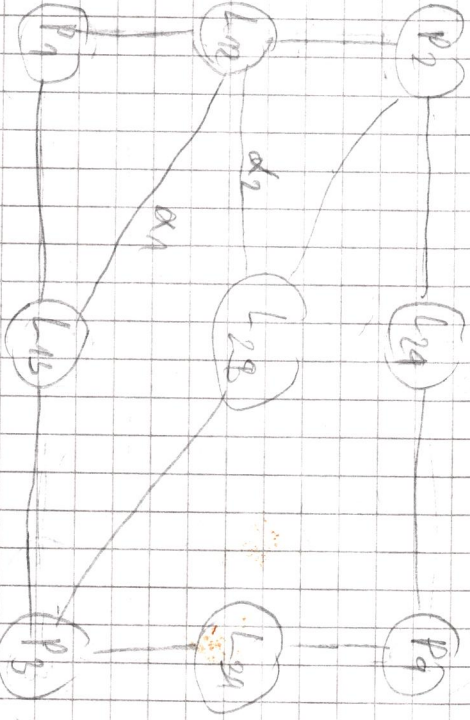
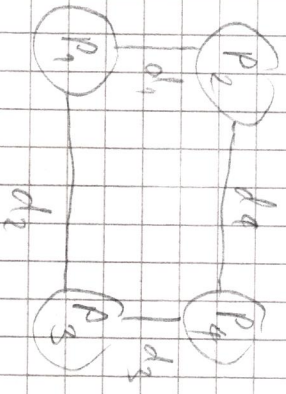
$$\text{dist}(P_1, P_3) = d_2$$

$$\text{dist}(P_3, P_4) = d_3$$

$$\text{dist}(P_2, P_4) = d_4$$

$$\text{angle}(L_{12}, L_{13}) = \alpha_1$$

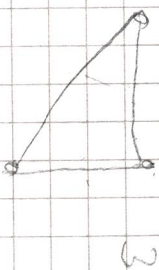
1	1	3	2	1
2	3	4	4	2
				3



12	$\Delta 123$
13	$\Delta 123$
14	$(\Delta 124 \text{ or } \Delta 134)$
23	$\Delta 123, \Delta 234$
24	$\Delta 234$
34	$\Delta 234$

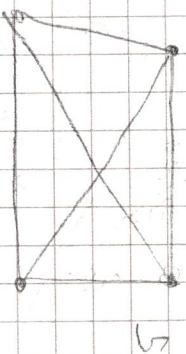
Punkte Linien Dreiecke R_V

3 3 1 3



$$\#C = 2 \cdot N - 3$$

4 6 4 12



5

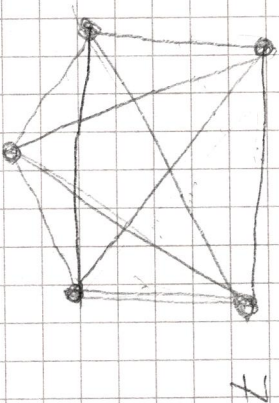
Pro Punkt $M-1$ Linien

Pro Punkt $\frac{(M-1)(M-2)}{2}$ Beziehungen zwischen Linien

Total Beziehungen zwischen Linien:

$$\frac{M(M-1)(M-2)}{2}$$

5 10 10 30



7