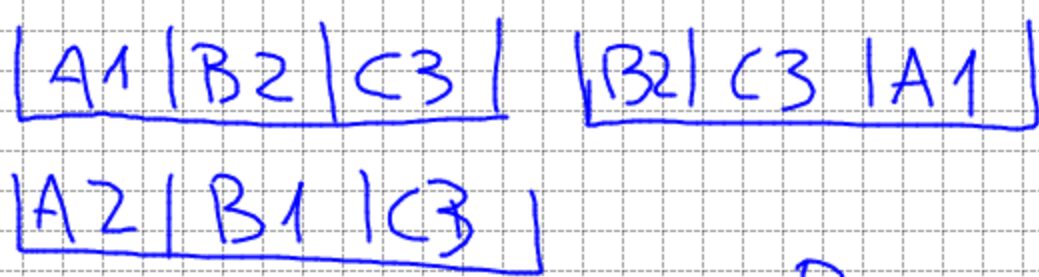


P. 183 n-39

$$C_{5,3} = \frac{5!}{6} = \frac{2 \cdot 5 \cdot 4 \cdot 3 \cdot 2 \cdot 1}{2 \cdot 3}$$

1/2

A B C TESTE
1 2 3 4 5 CAPPELLI



$$D_{5,3} = 5 \cdot 4 \cdot 3 = 60$$

n-40

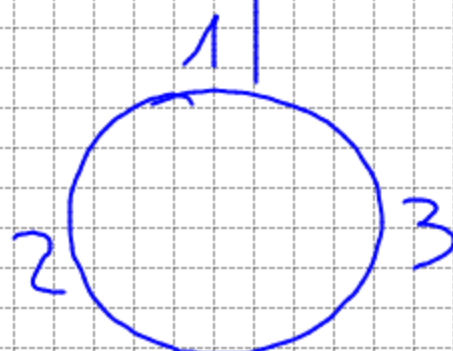
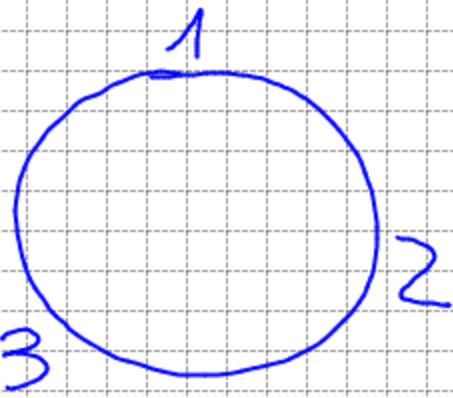
$$D_{4,2} = 4 \cdot 3 = 12$$

n-41

$$P_4 = 4 \cdot 3 \cdot 2 = 24$$

n-42

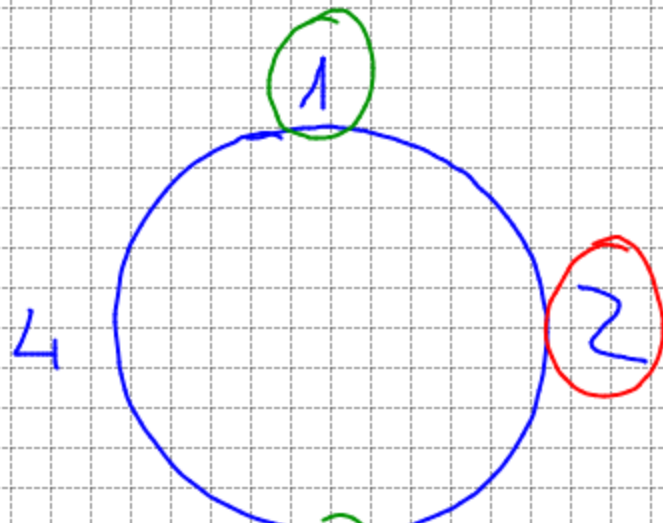
$$D_{5,3} = P_5 = 5 \cdot 4 \cdot 3 \cdot 2 = 120$$



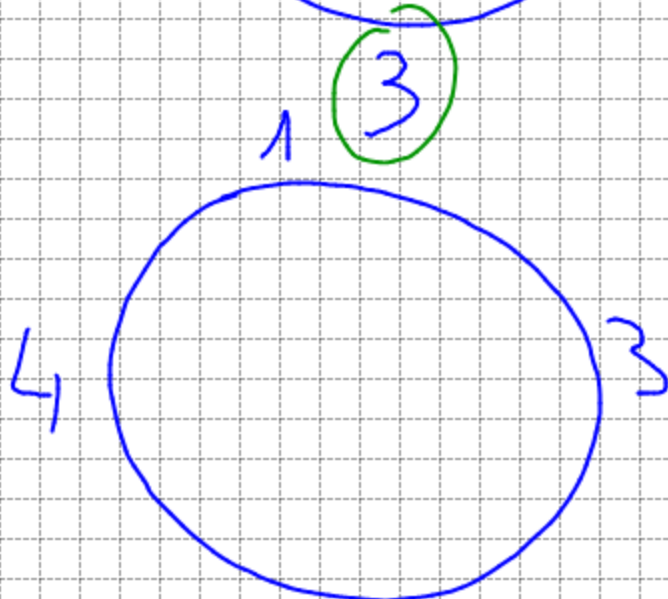
P₃

1	2	3
2	3	1
3	1	2

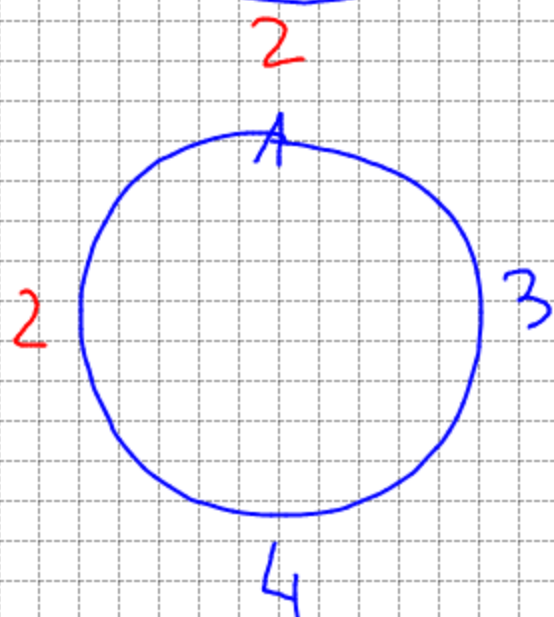
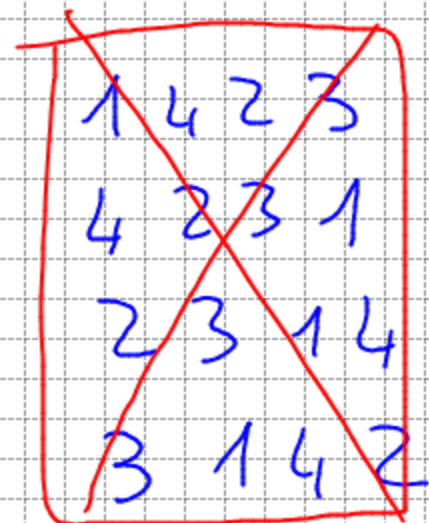
1	3	2
3	2	1
2	1	3



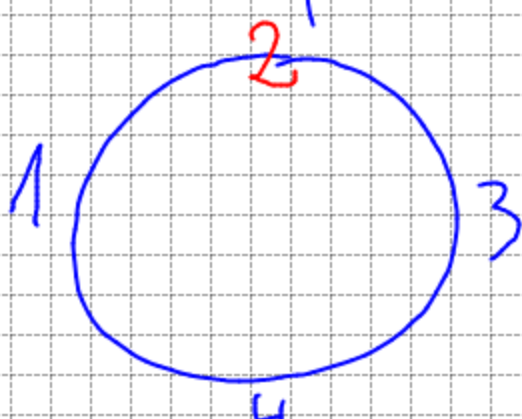
1	2	3	4
2	3	4	1
3	4	1	2
4	1	2	3



1	3	2	4
3	2	4	1
2	4	1	3
4	1	3	2



1	3	4	2
3	4	2	1
2	1	3	4
4	2	1	3

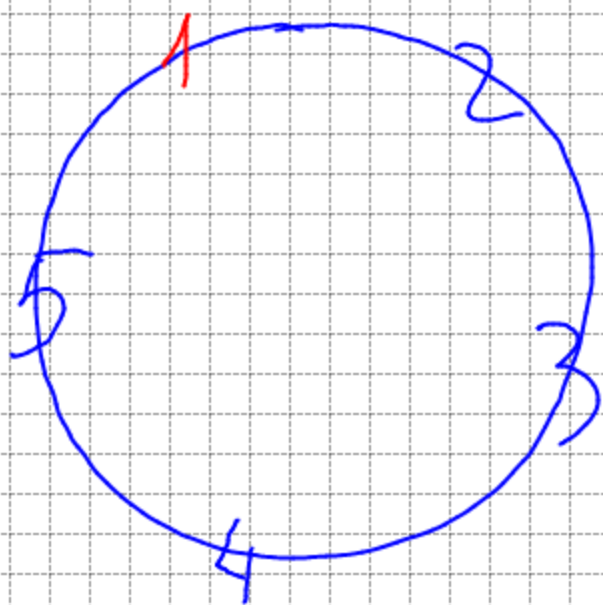


2	3	4	1
3	4	1	2
4	1	2	3
1	2	3	4

5 5 1 2 4 2

5 1 2
2 1 3

3 4
4 5
5 3



2/2

$$2 D_{5,3} = \frac{2 \cdot 5 \cdot 4 \cdot 3}{5 \cdot 5} = 12$$

$$P_4 = \frac{P_5}{5}$$