

Vier Modulen 1, 2, 3, 4. Daraus

$$\begin{aligned} 12 &= 1+2 \quad | \quad 34 = 3+4 \\ 13 &= 1+3 \quad | \quad 24 = 2+4 \\ 14 &= 1+4 \quad | \quad 23 = 2+3 \end{aligned}$$

$$123 = 12+3 = 13+2 = 23+1$$

$$124 = 12+4 = 14+2 = 24+1$$

$$134 = 13+4 = 14+3 = 34+1$$

$$234 = 23+4 = 24+3 = 34+2$$

$$1234 = 123+4 = 124+3 = 134+2 = 234+1$$

$$= 12+34 = 13+24 = 14+23$$

12 ist g. M. v. 123, 124, also auch von

$$123 - 124 = (12+3) - (12+4)$$

$$= 12 + (3 - 124)$$

$$= 12 + (4 - 123)$$

Mit 3 und 4 Modulen einzuführen:

$$m_1 = 1 - 234, m_2 = 2 - 124, m_3 = 3 - 124, m_4 = 4 - 123$$

und dann ist

$$123 - 124 = 12 + m_3 = 12 + m_4 = m_{12}$$

$$123 - 134 = 13 + m_2 = 13 + m_4 = m_{13}$$

$$123 - 234 = 23 + m_1 = 23 + m_4 = m_{23}$$

$$124 - 134 = 14 + m_2 = 14 + m_3 = m_{14}$$

$$124 - 234 = 24 + m_1 = 24 + m_3 = m_{24}$$

$$134 - 234 = 34 + m_1 = 34 + m_2 = m_{34}$$

und

$$m_{12} + m_{13} = 123 \quad | \quad m_{12} + m_{34} = 1234$$

$$m_{12} + m_{23} = 123 \quad | \quad m_{13} + m_{24} = 1234$$

$$m_{12} + m_{14} = 124 \quad | \quad m_{13} + m_{14} = 1234$$

$$m_{12} + m_{24} = 124 \quad | \quad m_{23} + m_{14} = 1234$$

$$m_{13} + m_{23} = 123 \quad | \quad m_{13} + m_{23} = 123$$

$$m_{13} + m_{14} = 134 \quad | \quad m_{13} + m_{14} = 134$$

$$m_{13} + m_{24} = 134 \quad | \quad m_{13} + m_{24} = 134$$

$$m_{23} + m_{24} = 234 \quad | \quad m_{23} + m_{24} = 234$$

$$m_{12} + m_{34} = 234 \quad | \quad m_{12} + m_{34} = 234$$

$$m_{14} + m_{24} = 124 \quad | \quad m_{14} + m_{24} = 124$$

$$m_{14} + m_{34} = 134 \quad | \quad m_{14} + m_{34} = 134$$

$$m_{24} + m_{34} = 234 \quad | \quad m_{24} + m_{34} = 234$$

$$12 + m_{12} = m_{12} \quad | \quad 123 + m_{12} = 123$$

$$12 + m_{13} = m_{13} \quad | \quad 123 + m_{13} = 123$$

$$12 + m_{23} = m_{23} \quad | \quad 123 + m_{23} = 123$$

$$12 + m_{14} = m_{14} \quad | \quad 123 + m_{14} = 123$$

$$12 + m_{24} = m_{24} \quad | \quad 123 + m_{24} = 123$$

$$12 + m_{34} = m_{34} \quad | \quad 123 + m_{34} = 123$$

$$m_{12} + m_{13} = b_1 \quad | \quad m_{12} + (123 - 124 - 134) = b_1$$

$$m_{12} + m_{23} = b_2 \quad | \quad m_{12} + (134 - m_{12}) = b_2$$

$$m_{12} + m_{14} = b_3 \quad | \quad m_{12} + (124 - m_{12}) = b_3$$

$$m_{12} + m_{24} = b_4 \quad | \quad m_{12} + (123 - m_{12}) = b_4$$

$$m_{13} + m_{23} = b_5 \quad | \quad m_{13} + (123 - m_{13}) = b_5$$

$$m_{13} + m_{14} = b_6 \quad | \quad m_{13} + (14 - m_{13}) = b_6$$

$$m_{13} + m_{24} = b_7 \quad | \quad m_{13} + (24 - m_{13}) = b_7$$

$$m_{23} + m_{24} = b_8 \quad | \quad m_{23} + (234 - m_{23}) = b_8$$

$$m_{14} + m_{24} = b_9 \quad | \quad m_{14} + (234 - m_{14}) = b_9$$

$$m_{14} + m_{34} = b_{10} \quad | \quad m_{14} + (34 - m_{14}) = b_{10}$$

$$m_{24} + m_{34} = b_{11} \quad | \quad m_{24} + (34 - m_{24}) = b_{11}$$

$$m_{12} + m_{34} = b_{12} \quad | \quad m_{12} + (1234 - m_{12}) = b_{12}$$

$$m_{12} + m_{13} = b_{13} \quad | \quad m_{12} + (123 - m_{13}) = b_{13}$$

$$m_{12} + m_{23} = b_{14} \quad | \quad m_{12} + (123 - m_{23}) = b_{14}$$

$$m_{12} + m_{14} = b_{15} \quad | \quad m_{12} + (14 - m_{14}) = b_{15}$$

$$m_{12} + m_{24} = b_{16} \quad | \quad m_{12} + (24 - m_{24}) = b_{16}$$

$$m_{13} + m_{23} = b_{17} \quad | \quad m_{13} + (23 - m_{23}) = b_{17}$$

$$m_{13} + m_{14} = b_{18} \quad | \quad m_{13} + (14 - m_{14}) = b_{18}$$

$$m_{13} + m_{24} = b_{19} \quad | \quad m_{13} + (24 - m_{24}) = b_{19}$$

$$m_{23} + m_{24} = b_{20} \quad | \quad m_{23} + (234 - m_{24}) = b_{20}$$

$$m_{14} + m_{34} = b_{21} \quad | \quad m_{14} + (34 - m_{34}) = b_{21}$$

$$m_{24} + m_{34} = b_{22} \quad | \quad m_{24} + (34 - m_{34}) = b_{22}$$

$$m_{12} + m_{34} = b_{23} \quad | \quad m_{12} + (1234 - m_{34}) = b_{23}$$

$$m_{12} + m_{13} = b_{24} \quad | \quad m_{12} + (123 - m_{13}) = b_{24}$$

$$m_{12} + m_{23} = b_{25} \quad | \quad m_{12} + (123 - m_{23}) = b_{25}$$

$$m_{12} + m_{14} = b_{26} \quad | \quad m_{12} + (14 - m_{14}) = b_{26}$$

$$m_{12} + m_{24} = b_{27} \quad | \quad m_{12} + (24 - m_{24}) = b_{27}$$

$$m_{13} + m_{23} = b_{28} \quad | \quad m_{13} + (23 - m_{23}) = b_{28}$$

$$m_{13} + m_{14} = b_{29} \quad | \quad m_{13} + (14 - m_{14}) = b_{29}$$

$$m_{13} + m_{24} = b_{30} \quad | \quad m_{13} + (24 - m_{24}) = b_{30}$$

$$m_{23} + m_{24} = b_{31} \quad | \quad m_{23} + (234 - m_{24}) = b_{31}$$

$$m_{14} + m_{34} = b_{32} \quad | \quad m_{14} + (34 - m_{34}) = b_{32}$$

$$m_{24} + m_{34} = b_{33} \quad | \quad m_{24} + (34 - m_{34}) = b_{33}$$

$$m_{12} + m_{34} = b_{34} \quad | \quad m_{12} + (1234 - m_{34}) = b_{34}$$

$$m_{12} + m_{13} = b_{35} \quad | \quad m_{12} + (123 - m_{13}) = b_{35}$$

$$m_{12} + m_{23} = b_{36} \quad | \quad m_{12} + (123 - m_{23}) = b_{36}$$

$$m_{12} + m_{14} = b_{37} \quad | \quad m_{12} + (14 - m_{14}) = b_{37}$$

$$m_{12} + m_{24} = b_{38} \quad | \quad m_{12} + (24 - m_{24}) = b_{38}$$

$$m_{13} + m_{23} = b_{39} \quad | \quad m_{13} + (23 - m_{23}) = b_{39}$$

$$m_{13} + m_{14} = b_{40} \quad | \quad m_{13} + (14 - m_{14}) = b_{40}$$

$$m_{13} + m_{24} = b_{41} \quad | \quad m_{13} + (24 - m_{24}) = b_{41}$$

$$m_{23} + m_{24} = b_{42} \quad | \quad m_{23} + (234 - m_{24}) = b_{42}$$

$$m_{14} + m_{34} = b_{43} \quad | \quad m_{14} + (34 - m_{34}) = b_{43}$$

$$m_{24} + m_{34} = b_{44} \quad | \quad m_{24} + (34 - m_{34}) = b_{44}$$

$$m_{12} + m_{34} = b_{45} \quad | \quad m_{12} + (1234 - m_{34}) = b_{45}$$

$$m_{12} + m_{13} = b_{46} \quad | \quad m_{12} + (123 - m_{13}) = b_{46}$$

$$m_{12} + m_{23} = b_{47} \quad | \quad m_{12} + (123 - m_{23}) = b_{47}$$

$$m_{12} + m_{14} = b_{48} \quad | \quad m_{12} + (14 - m_{14}) = b_{48}$$

$$m_{12} + m_{24} = b_{49} \quad | \quad m_{12} + (24 - m_{24}) = b_{49}$$

$$m_{13} + m_{23} = b_{50} \quad | \quad m_{13} + (23 - m_{23}) = b_{50}$$

$$m_{13} + m_{14} = b_{51} \quad | \quad m_{13} + (14 - m_{14}) = b_{51}$$

$$m_{13} + m_{24} = b_{52} \quad | \quad m_{13} + (24 - m_{24}) = b_{52}$$

$$m_{23} + m_{24} = b_{53} \quad | \quad m_{23} + (234 - m_{24}) = b_{53}$$

$$m_{14} + m_{34} = b_{54} \quad | \quad m_{14} + (34 - m_{34}) = b_{54}$$

$$m_{24} + m_{34} = b_{55} \quad | \quad m_{24} + (34 - m_{34}) = b_{55}$$

$$m_{12} + m_{34} = b_{56} \quad | \quad m_{12} + (1234 - m_{34}) = b_{56}$$

$$m_{12} + m_{13} = b_{57} \quad | \quad m_{12} + (123 - m_{13}) = b_{57}$$

$$m_{12} + m_{23} = b_{58} \quad | \quad m_{12} + (123 - m_{23}) = b_{58}$$

$$m_{12} + m_{14} = b_{59} \quad | \quad m_{12} + (14 - m_{14}) = b_{59}$$

$$m_{12} + m_{24} = b_{60} \quad | \quad m_{12} + (24 - m_{24}) = b_{60}$$

$$m_{13} + m_{23} = b_{61} \quad | \quad m_{13} + (23 - m_{23}) = b_{61}$$

$$m_{13} + m_{14} = b_{62} \quad | \quad m_{13} + (14 - m_{14}) = b_{62}$$

$$m_{13} + m_{24} = b_{63} \quad | \quad m_{13} + (24 - m_{24}) = b_{63}$$

$$m_{23} + m_{24} = b_{64} \quad | \quad m_{23} + (234 - m_{24}) = b_{64}$$

$$m_{14} + m_{34} = b_{65} \quad | \quad m_{14} + (34 - m_{34}) = b_{65}$$

$$m_{24} + m_{34} = b_{66} \quad | \quad m_{24} + (34 - m_{34}) = b_{66}$$

$$m_{12} + m_{34} = b_{67} \quad | \quad m_{12} + (1234 - m_{34}) = b_{67}$$

$$m_{12} + m_{13} = b_{68} \quad | \quad m_{12} + (123 - m_{13}) = b_{68}$$

$$m_{12} + m_{23} = b_{69} \quad | \quad m_{12} + (123 - m_{23}) = b_{69}$$

$$m_{12} + m_{14} = b_{70} \quad | \quad m_{12} + (14 - m_{14}) = b_{70}$$

$$m_{12} + m_{24} = b_{71} \quad | \quad m_{12} + (24 - m_{24}) = b_{71}$$

$$m_{13} + m_{23} = b_{72} \quad | \quad m_{13} + (23 - m_{23}) = b_{72}$$

$$m_{13} + m_{14} = b_{73} \quad | \quad m_{13} + (14 - m_{14}) = b_{73}$$

$$m_{13} + m_{24} = b_{74} \quad | \quad m_{13} + (24 - m_{24}) = b_{74}$$

$$m_{23} + m_{24} = b_{75} \quad | \quad m_{23} + (234 - m_{24}) = b_{75}$$

$$m_{14} + m_{34} = b_{76} \quad | \quad m_{14} + (34 - m_{34}) = b_{76}$$

$$m_{24} + m_{34} = b_{77} \quad | \quad m_{24} + (34 - m_{34}) = b_{77}$$

$$m_{12} + m_{34} = b_{78} \quad | \quad m_{12} + (1234 - m_{34}) = b_{78}$$

$$m_{12} + m_{13} = b_{79} \quad | \quad m_{12} + (123 - m_{13}) = b_{79}$$

$$m_{12} + m_{23} = b_{80} \quad | \quad m_{12} + (123 - m_{23}) = b_{80}$$

$$m_{12} + m_{14} = b_{81} \quad | \quad m_{12} + (14 - m_{14}) = b_{81}$$

$$m_{12} + m_{24} = b_{82} \quad | \quad m_{12} + (24 - m_{24}) = b_{82}$$

$$m_{13} + m_{23} = b_{83} \quad | \quad m_{13} + (23 - m_{23}) = b_{83}$$

$$m_{13} + m_{14} = b_{84} \quad | \quad m_{13} + (14 - m_{14}) = b_{84}$$

$$m_{13} + m_{24} = b_{85} \quad | \quad m_{13} + (24 - m_{24}) = b_{85}$$

$$m_{23} + m_{24} = b_{86} \quad | \quad m_{23} + (234 - m_{24}) = b_{86}$$

$$m_{14} + m_{34} = b_{87} \quad | \quad m_{14} + (34 - m_{34}) = b_{87}$$

$$m_{24} + m_{34} = b_{88} \quad | \quad m_{24} + (34 - m_{34}) = b_{88}$$

$$m_{12} + m_{34} = b_{89} \quad | \quad m_{12} + (1234 - m_{34}) = b_{89}$$

Nr. 715.

Am mit den gefälligen
Krischen vom 23. v. Mz.
brauchten Erlaub für die
Zeit vom 29 - 31. v. Mz. nur freien inf
niss, kann ferner gern zu verhören.
Draufgezg, den 24. Juli 1880.
Der Direktor der Herzoglichen Kanzlei
H. Sommer

An
den Herrn Kanzler
Dr. Dedekind
Limbach