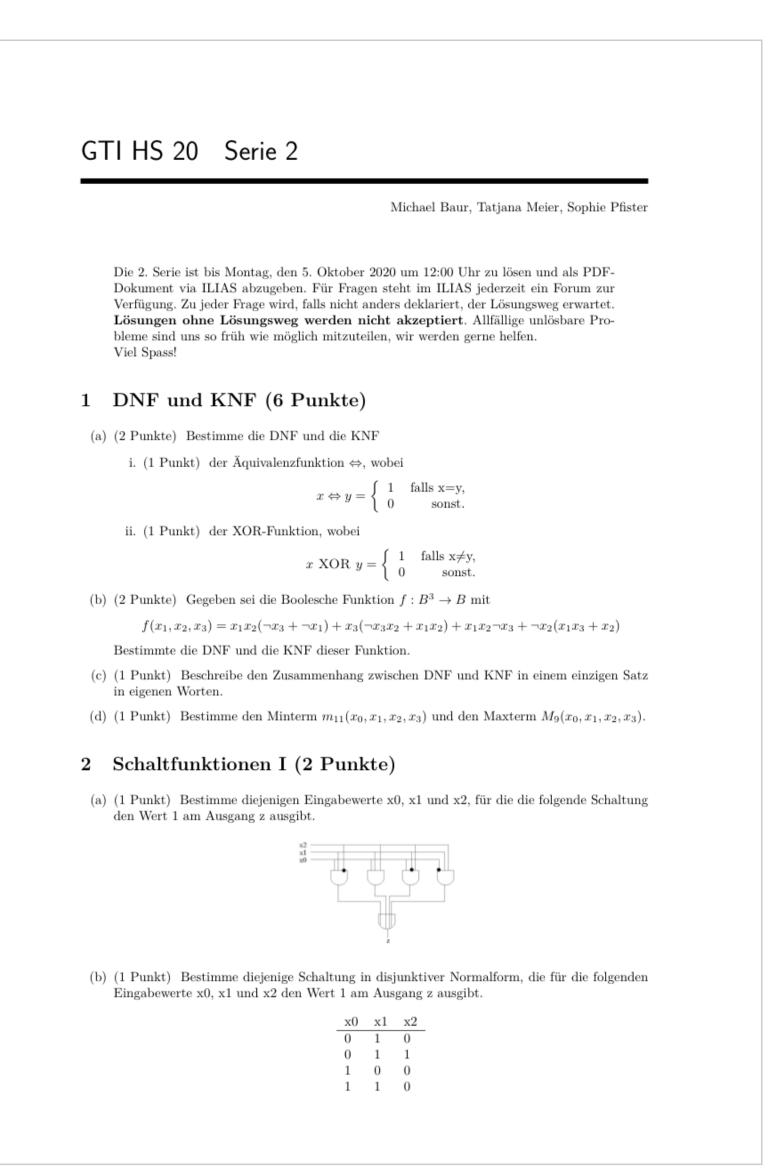
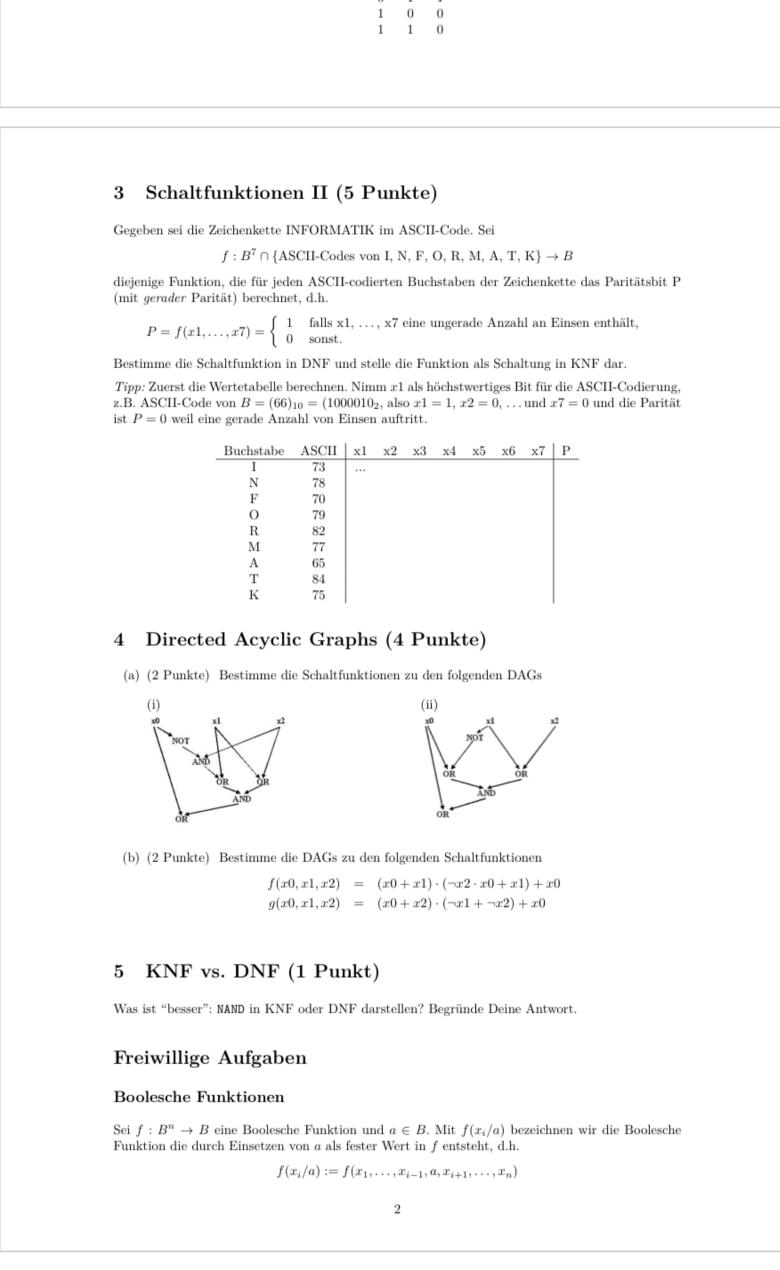
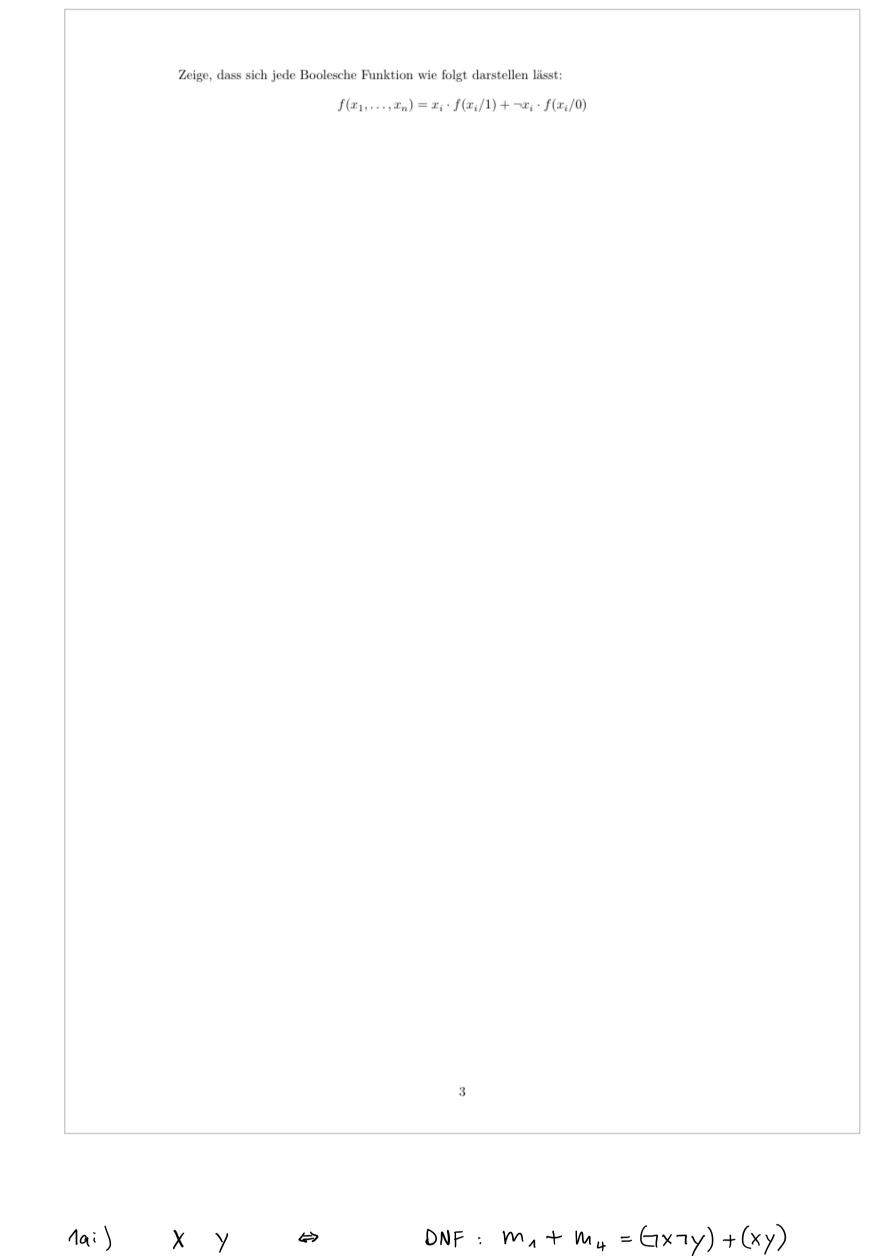
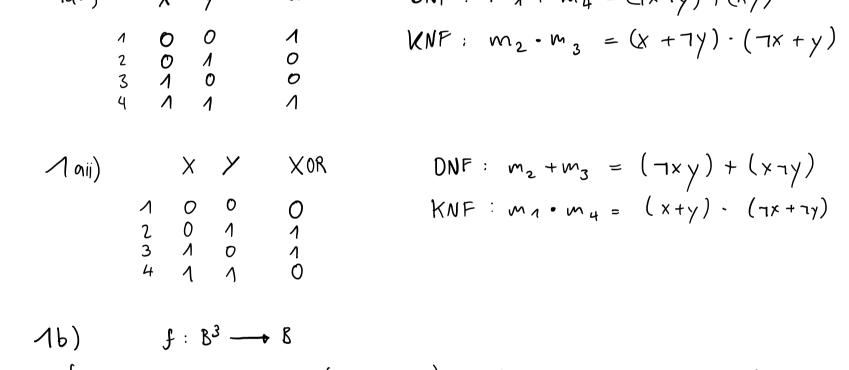
Donnerstag, 1. Oktober 2020

Lukas Ingold 20-123-998









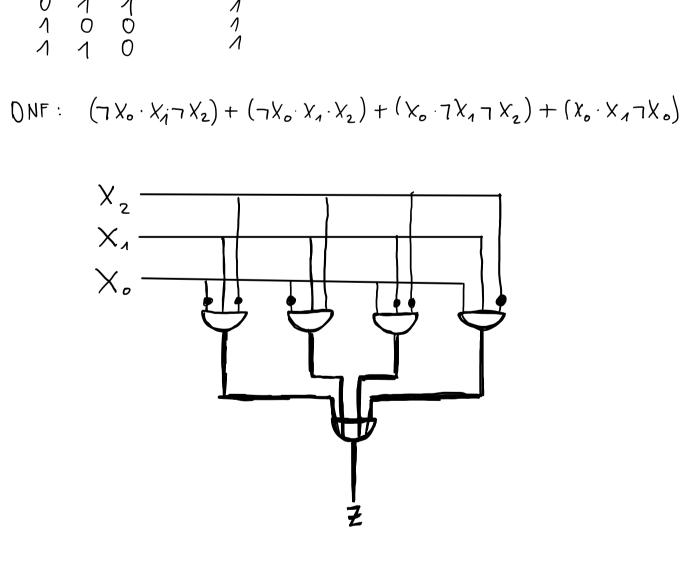
 $f(x_1 \quad x_2 \quad x_3) = x_{1x_2} (7x_3 + 7x_1) + x_3 (7x_3x_2 + x_1x_2) + x_1x_27x_3 + 7x_2(x_1x_3 + x_2)$ $\chi_1 \quad \chi_2 \quad \chi_3$

DNF: $m_8 + m_6 + m_7 = (\gamma_1 + \gamma_2 + \gamma_3) + (\gamma_1 + \gamma_2 + \gamma_3) + (\gamma_1 + \gamma_2 + \gamma_3)$ KNF: nom, n2m3 m4 = (x,+x2+x3) · (x,+x2+7x3) · (x,+7x2+x3) · (x,+7x2+x3) · (x,+7x2+7x3) · (7x,+x2+x3)

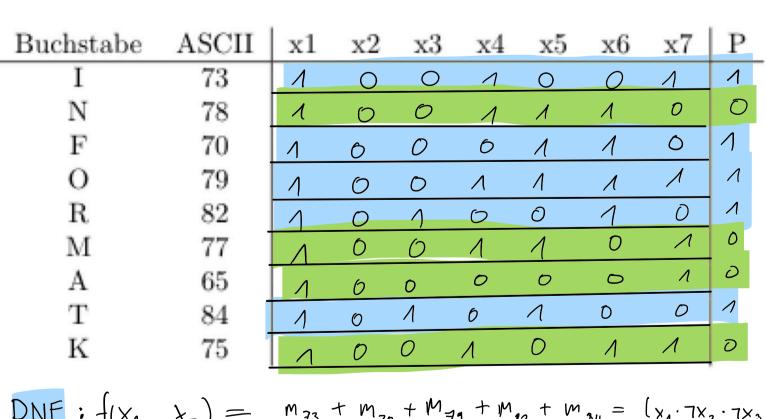
DNF UND KNF SIND DIE UMKEHRUNGEN VON ENANDER

2.) a) $x_0 \cdot x_1 \cdot 7x_2 + x_0 \cdot x_1 \cdot x_2 + x_0 \cdot 7x_1 \cdot x_2 + 7x_0 \cdot x_1 \cdot x_2$

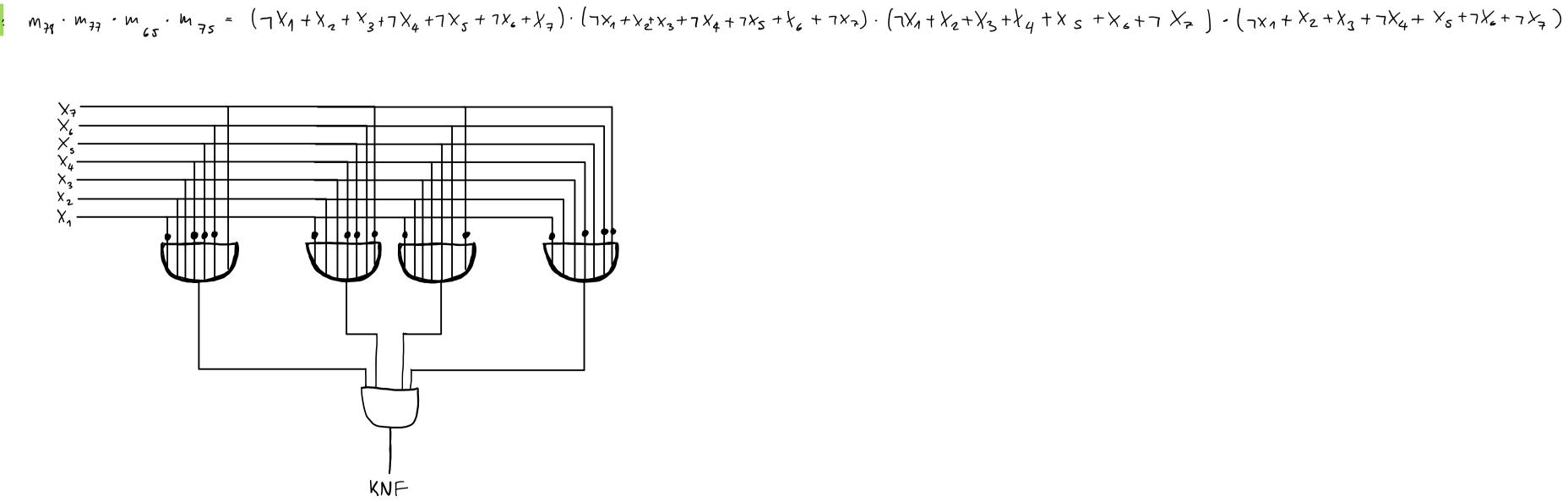
 $\times_{o} \times_{1} \times_{2}$



3.) INFOR MATIK



DNF: f(x1...x2) = M73 + M70 + M70 + M71 + M72 + M74 = (x1.7x2.7x3.X4.7x5.7x6.X7) + (x1.7x2.7x3.7x4.x5.x6.7x7) + (x1.7x2.7x3.x4.x5.x6.7x7) + (x1.7x2.7x3.x4.x5.x6.7x7) + (x1.7x2.7x3.x4.x5.x6.x77) + (x1.7x2.x3.x4.x5.x6.x77) + (x1.7x2.x3.x4.x5.x6.x7) + (x1.7x2.x3.x4.x5.x6.x7) + (x1.7x2.x3.x4.x5.x6.x7) + (x1.7x2.x3.x4.x5.x6.x7) + (x1.7x2.x3.x4.x5.x7) + (x1.7x2.x3.x4.x5.x7)



4.) a) i) $f(x_0, x_1, x_2) = (((\neg x_0 \cdot x_2) + x_1) \cdot (x_1 + x_2)) + x_0$ ii) $\int (x_0, x_1, x_2) = ((x_1 + x_0) \cdot (x_1 + x_2)) + X_0$

