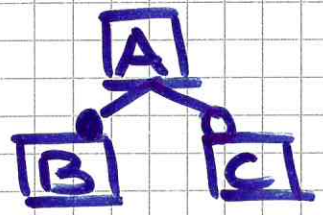
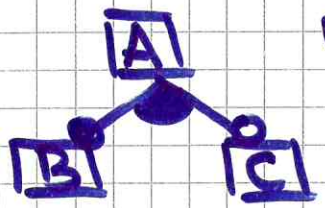
SWT Globalübung 10

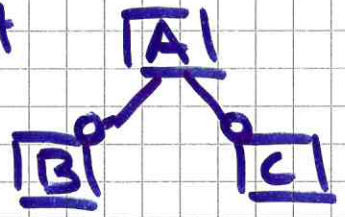
10.2 Wdh (Korrigiert)



$\cong A \Leftrightarrow B \wedge (C \vee !C)$

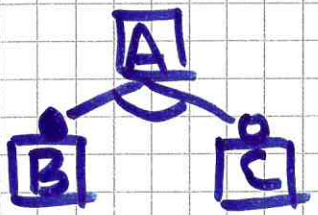


normalisiert

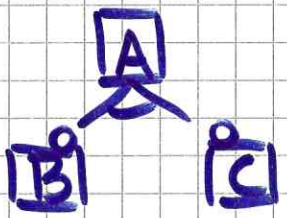


$\cong A \Leftrightarrow (B \vee !B) \wedge (C \vee !C)$

Leider nicht stumpf ablesbar!



normalisiert



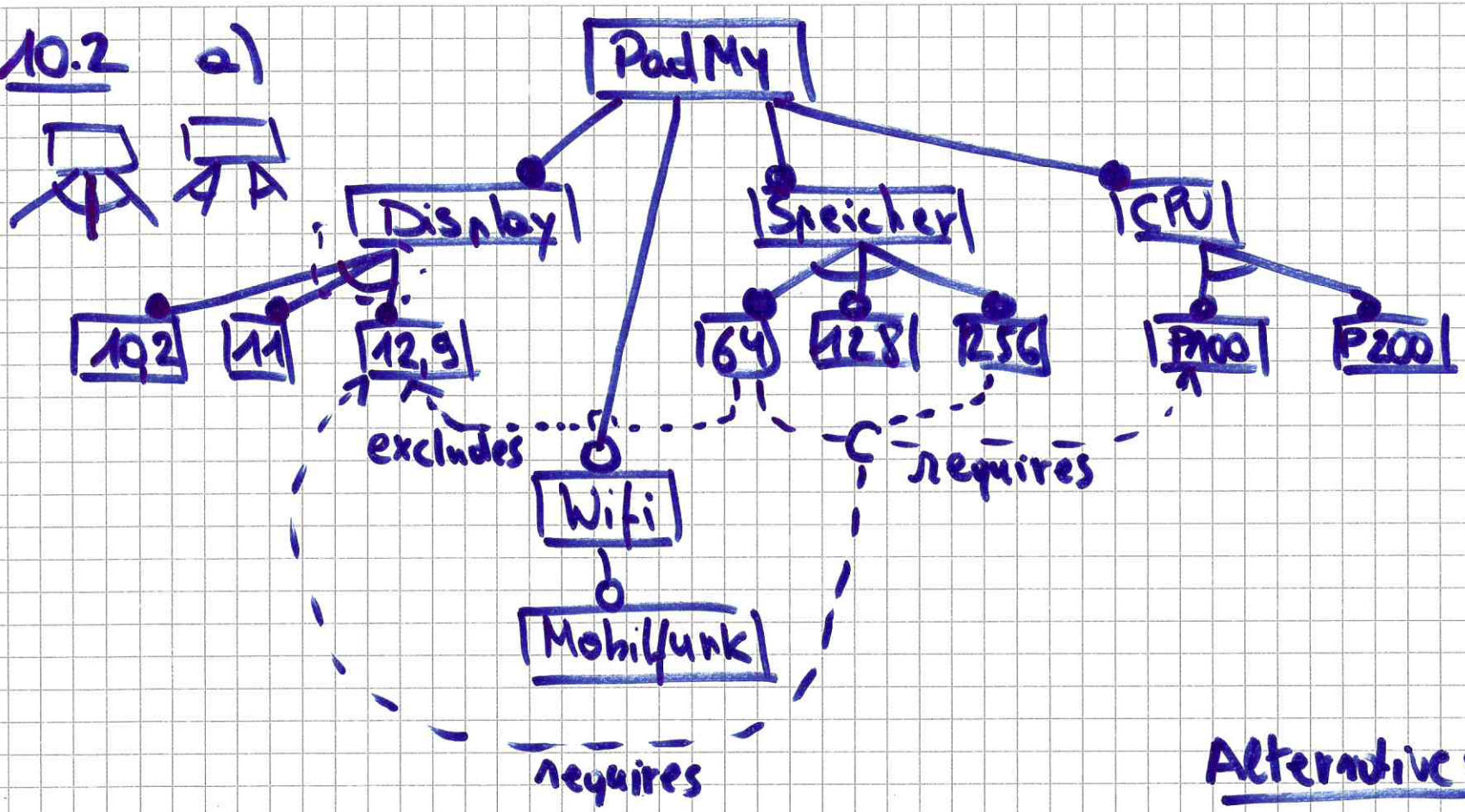
$\cong A \Leftrightarrow ((B \vee !B) \wedge !C) \vee (!B \wedge (C \vee !C))$

$\Leftrightarrow (B \wedge !C) \vee (!B \wedge !C) \vee (!B \wedge C) \vee (!B \wedge !C)$

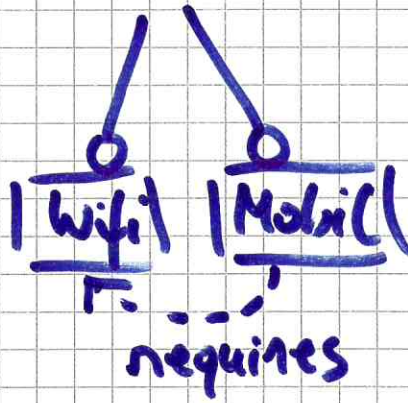
$\Leftrightarrow (B \wedge !C) \vee (!B \wedge !C) \vee (!B \wedge C)$

$\cong$ "1 or none"

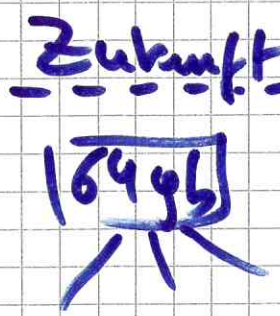
10.2 a)



Alternative:



Zukunft:



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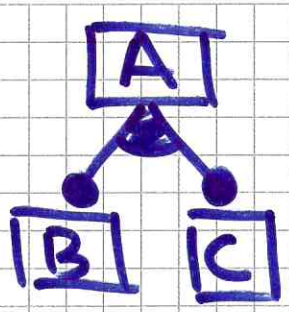
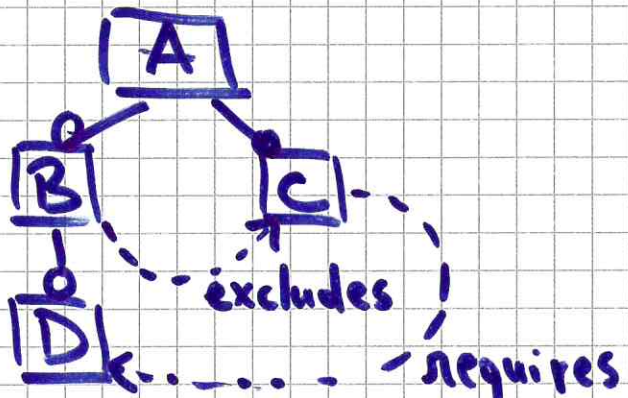
10.2 b) (1)



$|\{\{\}, \{A,B\}, \{A,C\}, \{A,B,C\}\}| = 4$

(2)



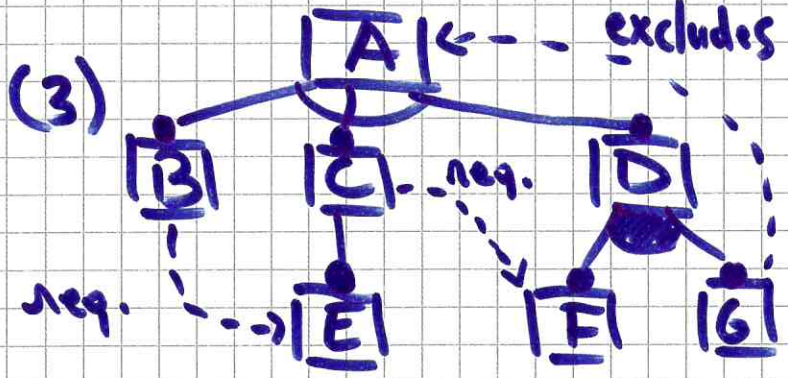
$|\{\{\}\}| = 1$

~~{A,C}~~ kein D

{A,B,C} $B \Rightarrow \neg C$

...

(3)



$|\{\{\}, \{A,D,F\}\}| = 2$

...

~~{A,D,G,..}~~ A