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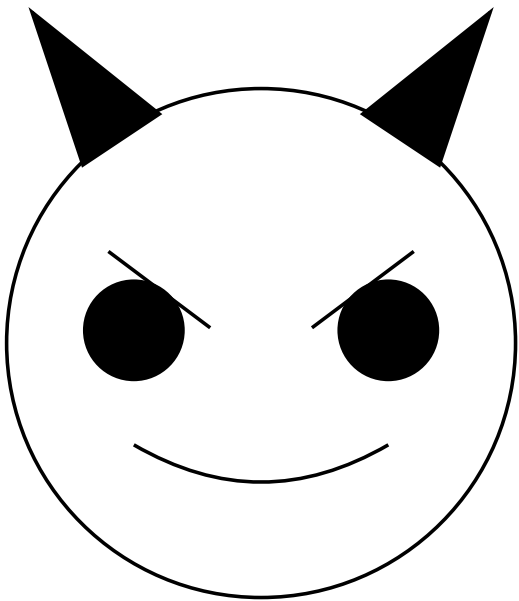
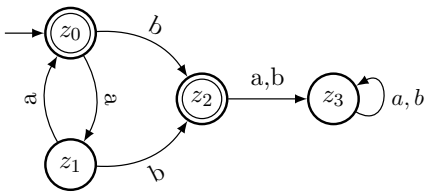
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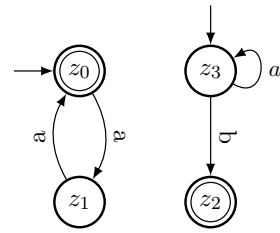
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%%Einbindung erfolgt über:
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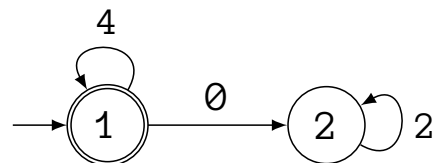
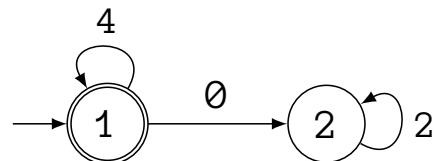
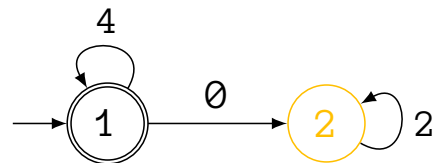
Pfad	Ergebnis
Allerlei/Teufel	
Automat/AutomatDFA	<p>Deterministic Finite Automaton</p>  $D = \left(\begin{array}{ccccc} \text{Zustände} & \text{Eingabe} & \text{Übergangsfkt.} & \text{Start(s)} & \text{Endzust.} \\ Z & \Sigma & \delta & S & E \\ \text{Menge} & \text{Alphabet} & Z \times \Sigma \rightarrow Z & \in Z & \subseteq Z \end{array} \right)$ $T(D) = \{x \in \Sigma^* \mid \hat{\delta}(S, x) \cap E \neq \emptyset\}$



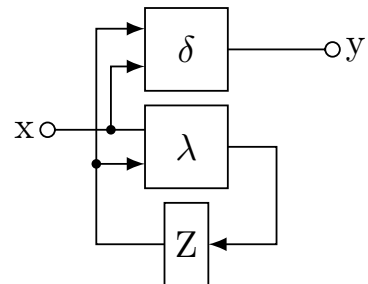
$$N = \left(\begin{array}{c} \text{Zustände} \\ Z \\ \text{Menge} \end{array}, \begin{array}{c} \text{Eingabe} \\ \Sigma \\ \text{Alphabet} \end{array}, \begin{array}{c} \text{Übergangsfkt.} \\ \delta \\ Z \times \Sigma \rightarrow Z^* \end{array}, \begin{array}{c} \text{Start(s)} \\ S \\ \subseteq Z \end{array}, \begin{array}{c} \text{Endzust.} \\ E \\ \subseteq Z \end{array} \right)$$

$$T(N) = \{x \in \Sigma^* \mid \delta(S, x) \cap E \neq \emptyset\}$$

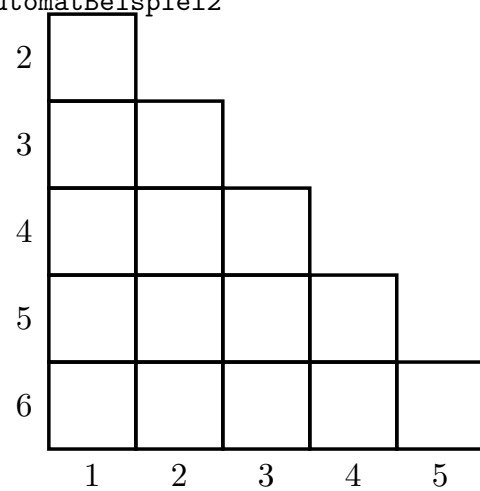
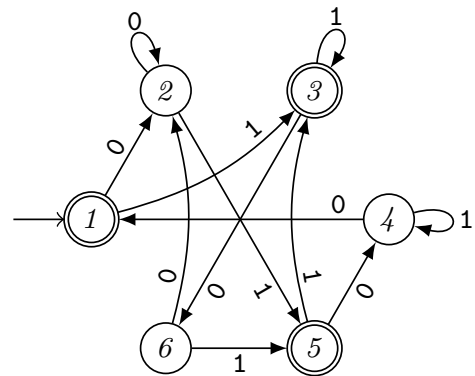
		1 a	2 b	3 c	4 c
T[1,j]	1	A	B	CE	CE
T[2,j]	2	D	—	E	
T[3,j]	3	S	—		
T[4,j]	4	S			



Isch bin a Hädder!



Ausgabe von Zustand & Eingabe abhängig



Automat/MinimalautomatBeispiel/MinimalautomatBeispiel3

2	0				
3		0			
4	0		0		
5		0		0	
6	0		0		0
	1	2	3	4	5

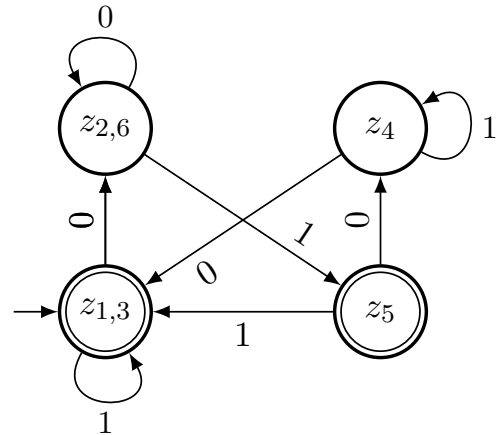
Automat/MinimalautomatBeispiel/MinimalautomatBeispiel4

2	0				
3		0			
4	0	1	0		
5		0		0	
6	0		0	1	0
	1	2	3	4	5

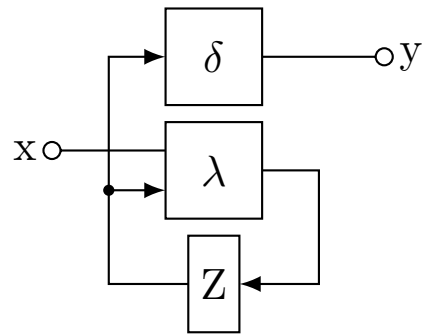
Automat/MinimalautomatBeispiel/MinimalautomatBeispiel5

2	0				
3		0			
4	0	1	0		
5	2	0	2	0	
6	0		0	1	0
	1	2	3	4	5

Automat/MinimalautomatBeispiel/MinimalautomatBeispiel6

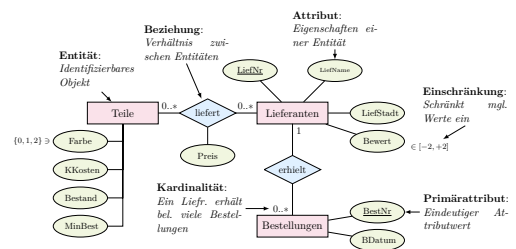


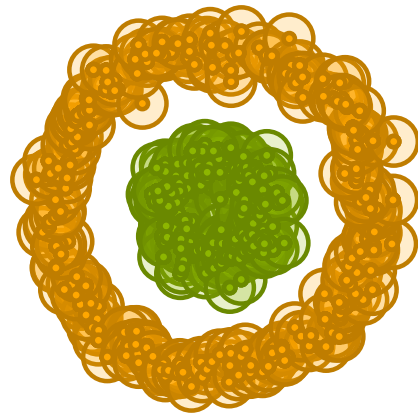
Automat/MooreAutomat



Ausgabe nur vom Zustand abhängig

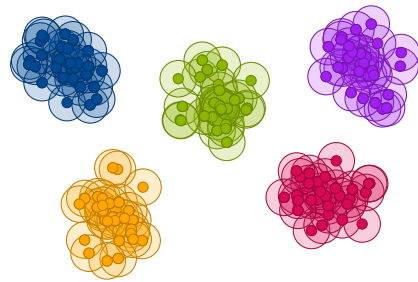
Datenbanken/ERExample





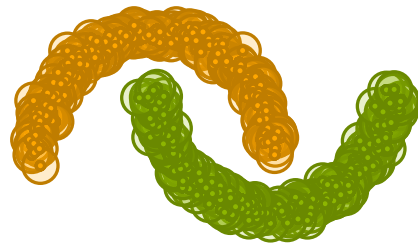
Eigene/Proseminar/Cluster/en-circles

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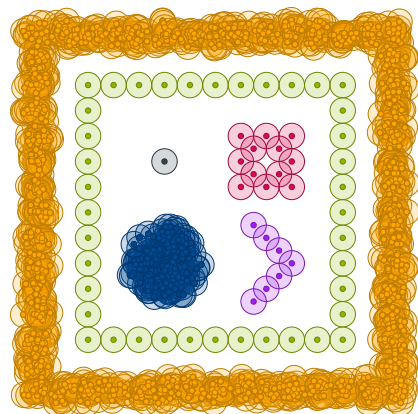
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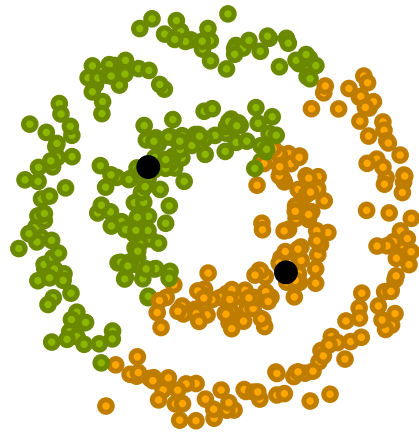
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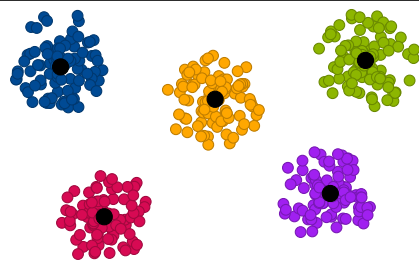
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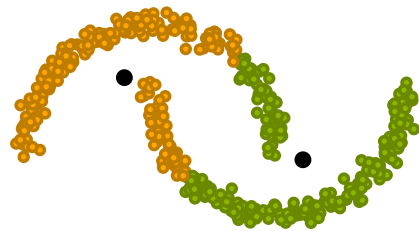
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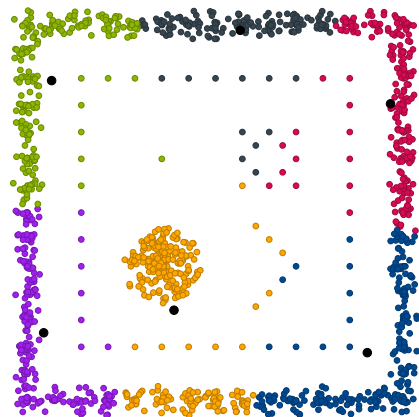
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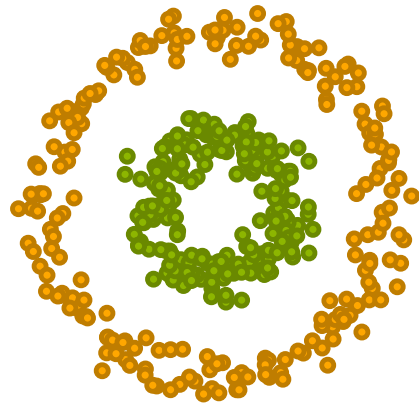
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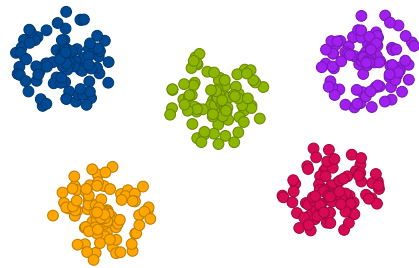


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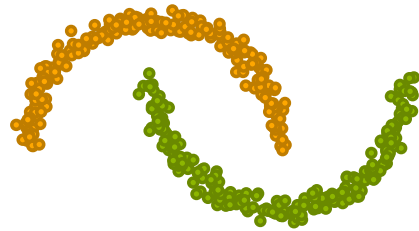
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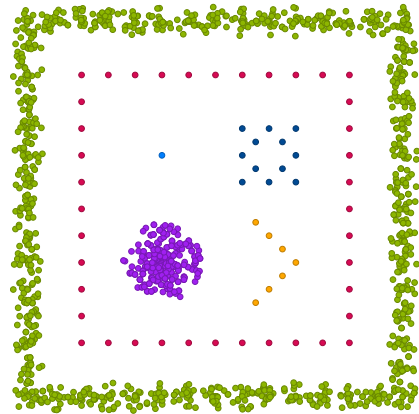
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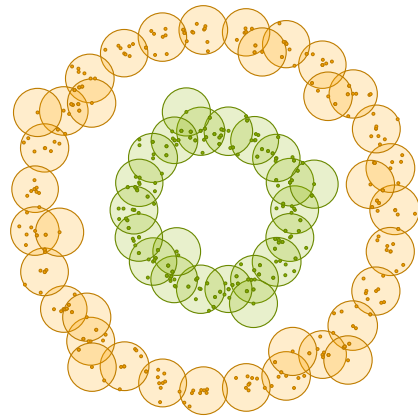
Eigene/Proseminar/Cluster/kn-clusters
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Eigene/Proseminar/Cluster/kn-moons
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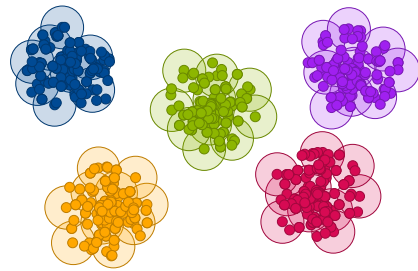


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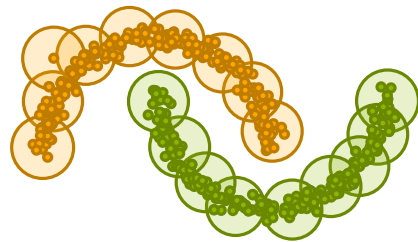
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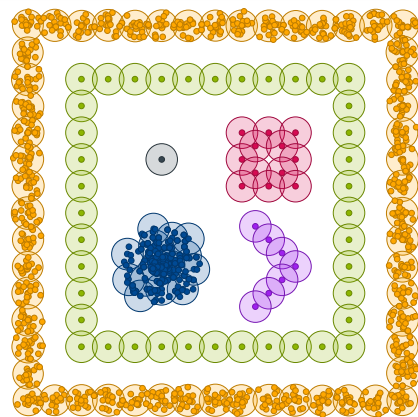
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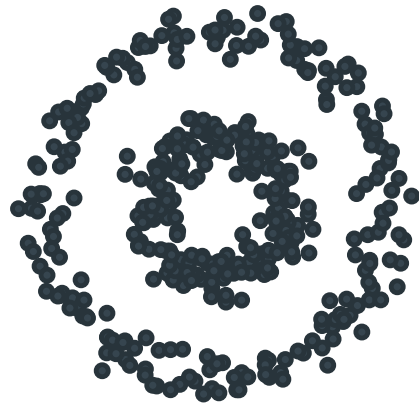
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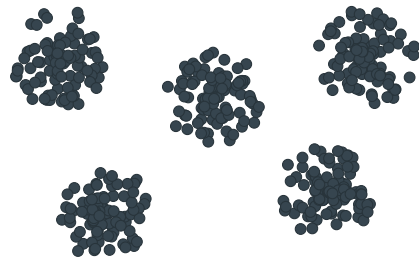


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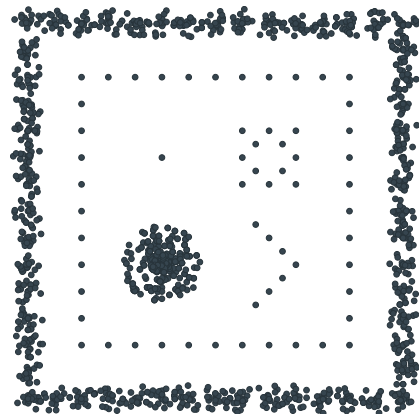
Eigene/Proseminar/Cluster/thumb-circles
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Eigene/Proseminar/Cluster/thumb-clusters
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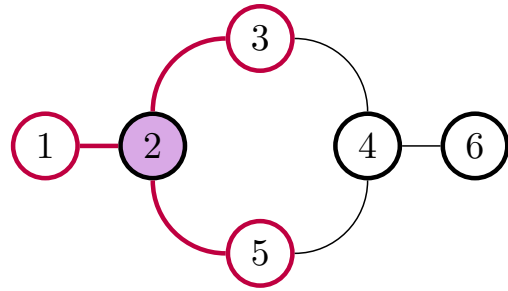


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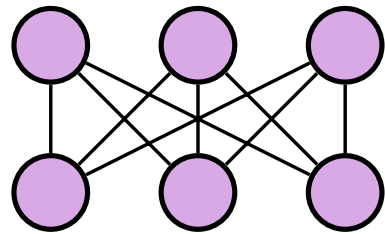
Eigene/Proseminar/Cluster/thumb-special
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Graphen/GraphNachbarschaftGrad



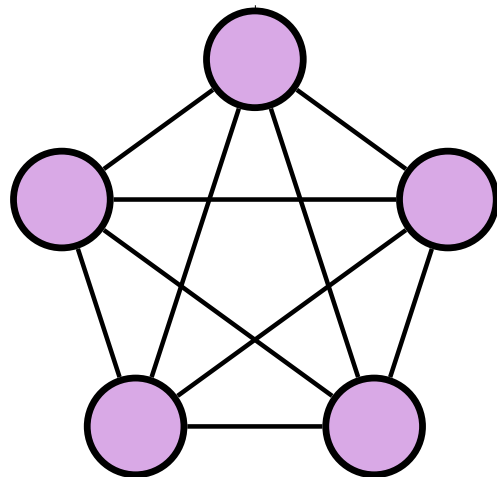
Graphen/GraphNichtPlanarK33

$K_{3,3}$

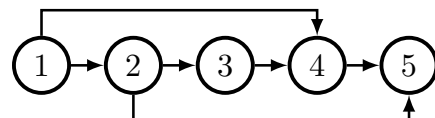


Graphen/GraphNichtPlanarK5

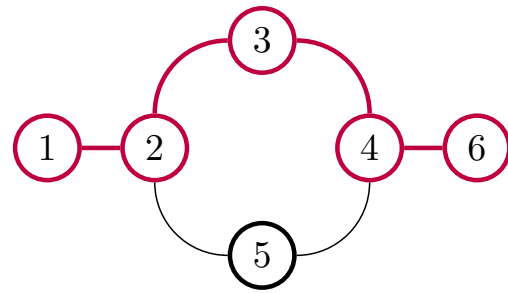
K_5



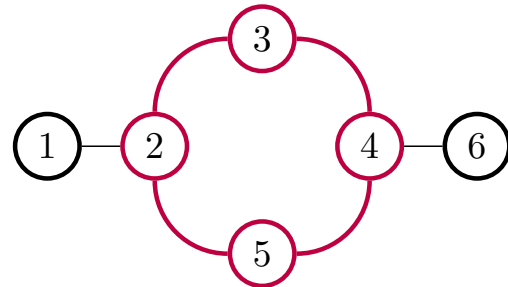
Graphen/GraphTopologie



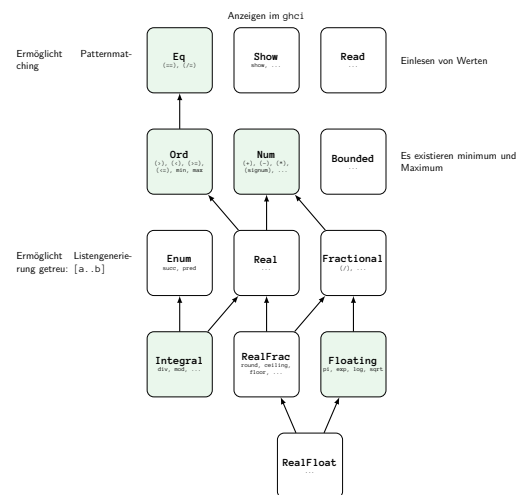
Graphen/GraphWegPfad



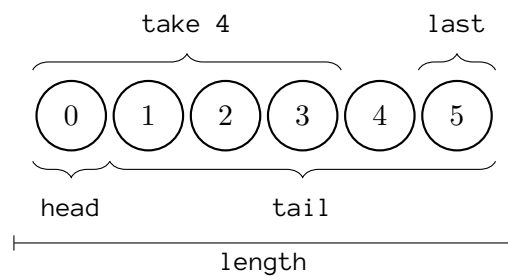
Graphen/GraphZyklus



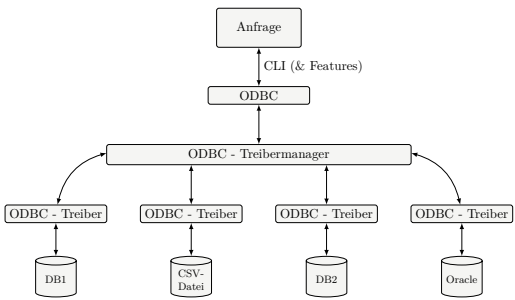
Haskell/HaskellTypen



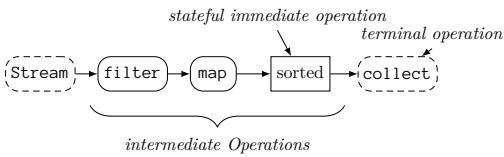
Haskell/Listenoperationen



Java/ODBCSchematisch



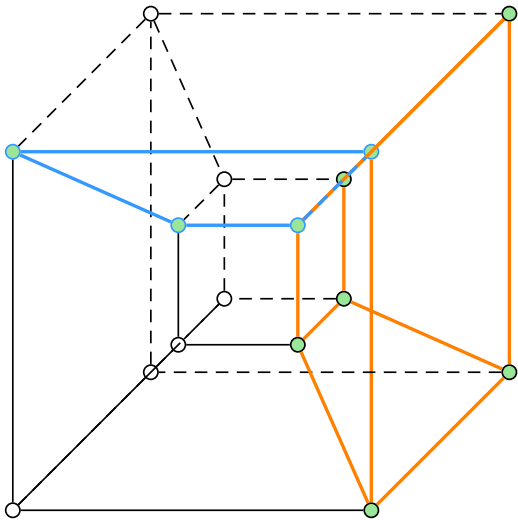
Java/StreamDemo



Logik/KVDiagramm

	\bar{a}	a	a	\bar{a}	
\bar{b}	0	0	0	0	\bar{d}
b	1	1	1	1	\bar{d}
b	1	1	1	1	d
\bar{b}	0	0	1	1	d
	\bar{c}	\bar{c}	c	c	

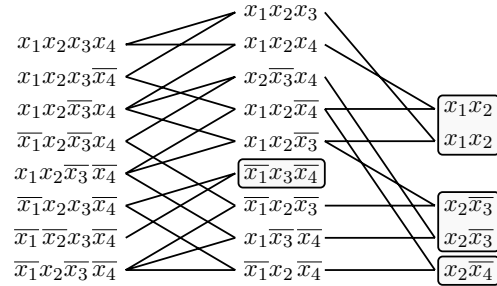
Logik/KVWuerfel



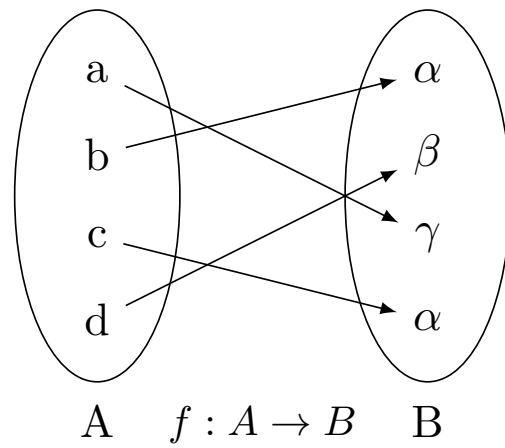
Logik/QuineMcCluskeyTabelle

	1	2	3	4	5	6	7	8
x_1x_2	+	+	+		+			
$x_2\bar{x}_3$			+	+	+			+
$x_2\bar{x}_4$		+			+	+		+
$\bar{x}_1x_3\bar{x}_4$						+	+	

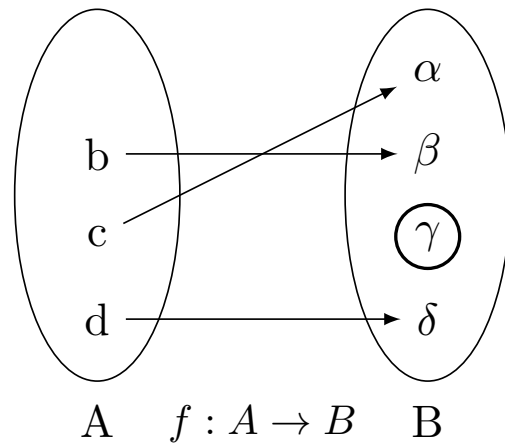
Logik/QuineMcCluskeyZusammenfassen



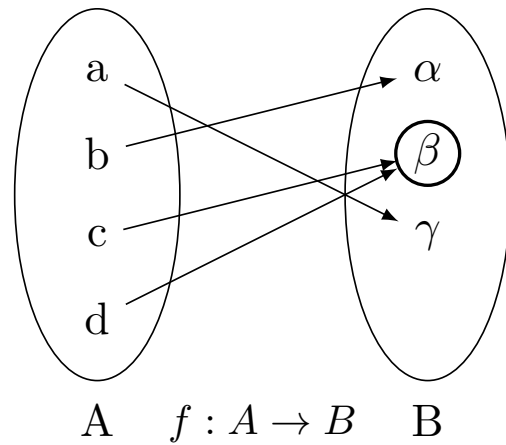
Mengen/FunktionBijektiv



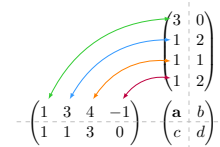
Mengen/FunktionInjektiv



Mengen/FunktionSurjektiv

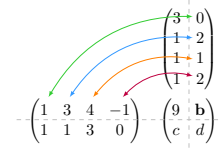


Mengen/Mengenmultiplikation/Mengenmultiplikation1



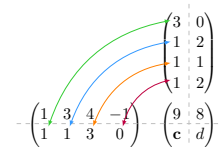
Für a ergibt sich also:
 $a = 1 * 3 + 3 * 1 + 4 * 1 + (-1) * 1$
 $= 9$

Mengen/Mengenmultiplikation/Mengenmultiplikation2



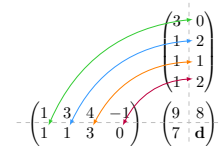
Für b ergibt sich also:
 $b = 1 * 0 + 3 * 2 + 4 * 1 + (-1) * 2$
 $= 8$

Mengen/Mengenmultiplikation/Mengenmultiplikation3



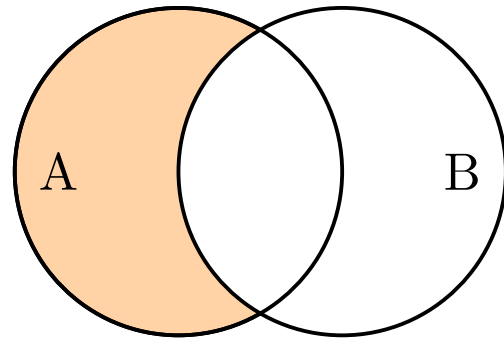
Für c ergibt sich also:
 $c = 1 * 3 + 1 * 1 + 3 * 1 + 0 * 1$
 $= 7$

Mengen/Mengenmultiplikation/Mengenmultiplikation4

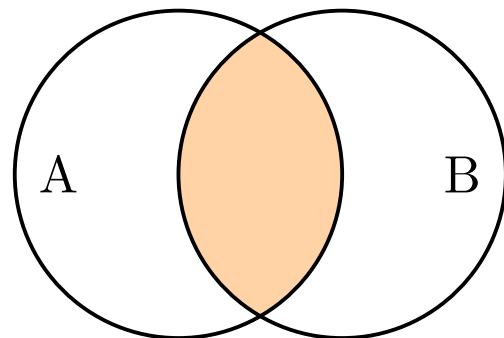


Für d ergibt sich also:
 $d = 1 * 0 + 1 * 2 + 3 * 1 + 0 * 2$
 $= 5$

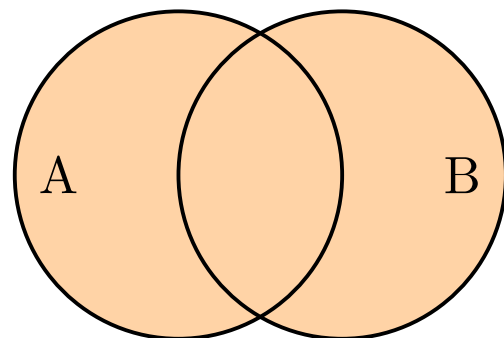
Mengen/VennDifferenz



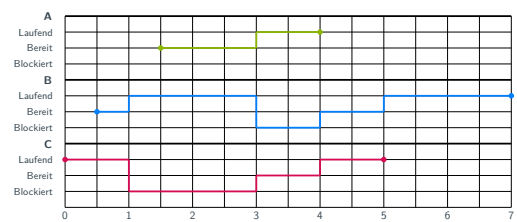
Mengen/VennSchnitt



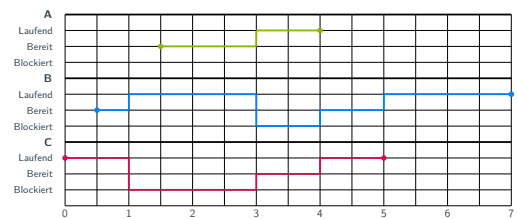
Mengen/VennVereinigung



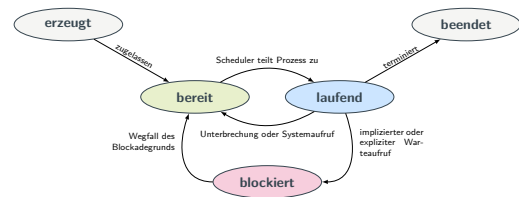
Prozesse/FCFS-WorstCase



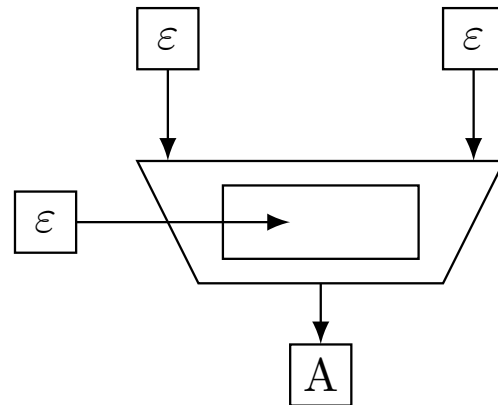
Prozesse/FCFS



Prozesse/Prozesszustaende



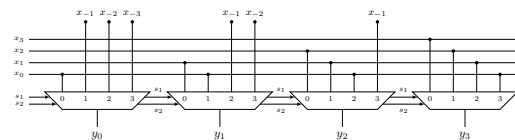
Rechner/ALU



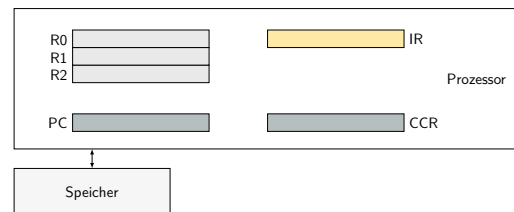
Rechner/AmpelPLA

δ	Zustand			Folgez.		NS			WO			T
	h_0	z_0	z_1	z'_0	z'_1	●	○	○	●	○	○	
δ_0	0	0	0	0	1	●	○	○	○	○	○	$7 \Rightarrow h'_0 = 1$
δ_1	1	0	1	0	1	●	○	○	○	○	○	$T - 1$
δ_3	0	0	1	1	0	○	○	○	○	○	○	$2 \Rightarrow h'_0 = 1$
δ_4	1	1	0	1	0	○	○	○	○	○	○	$T - 1$
δ_6	0	1	0	1	1	○	○	○	○	○	○	$7 \Rightarrow h'_0 = 1$
δ_7	1	1	1	1	1	○	○	○	○	○	○	$T - 1$
δ_9	0	1	1	0	0	○	○	○	○	○	○	$2 \Rightarrow h'_0 = 1$
δ_{10}	1	0	0	0	0	○	○	○	○	○	○	$T - 1$

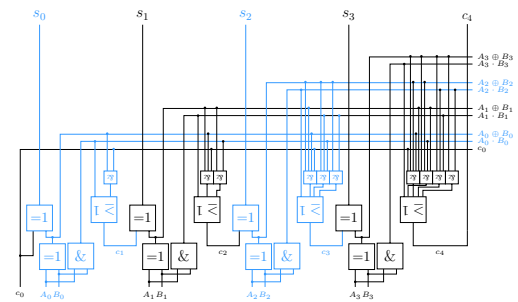
Rechner/BarrelShifter



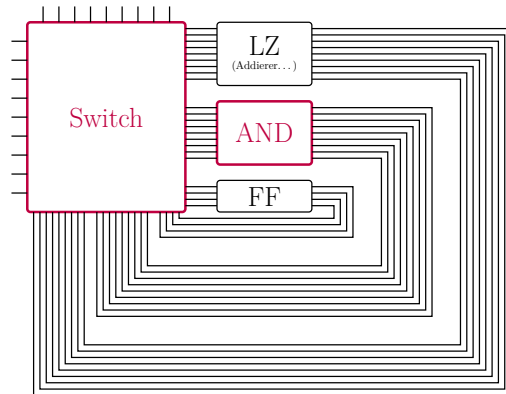
Rechner/Beispielprozessor



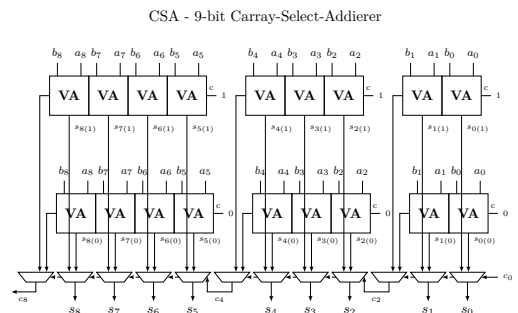
Rechner/CLA



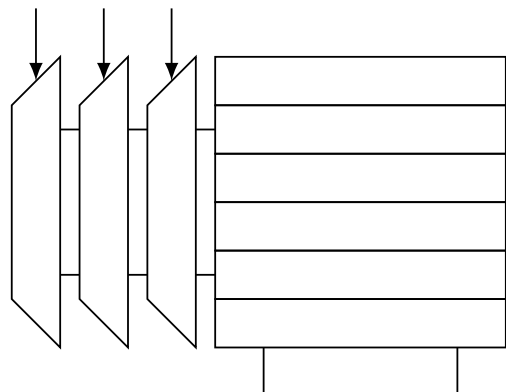
Rechner/CPLD



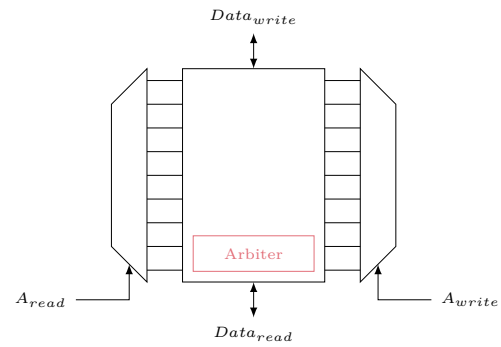
Rechner/CSA



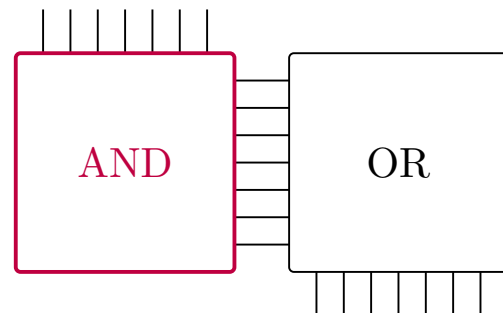
Rechner/DreiTorRegister



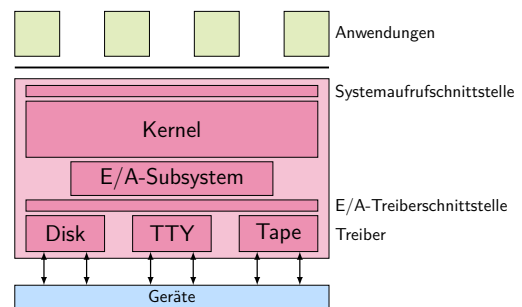
Rechner/Eintorspeicher



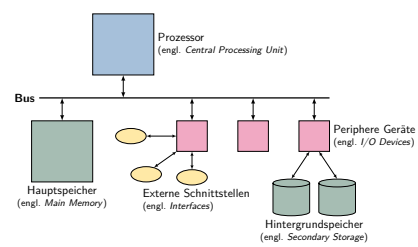
Rechner/GALPAL



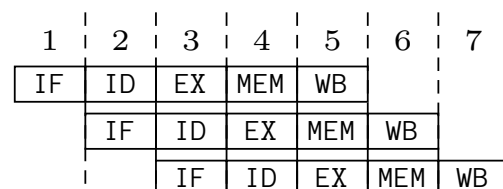
Rechner/Geraeteverwaltung



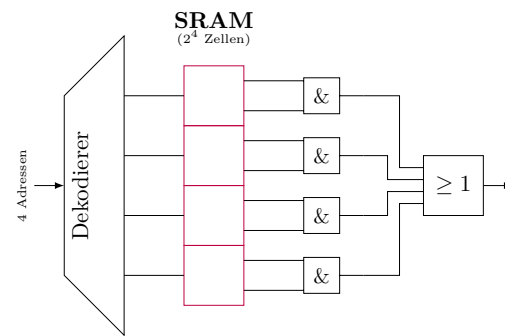
Rechner/HardwareSkizze



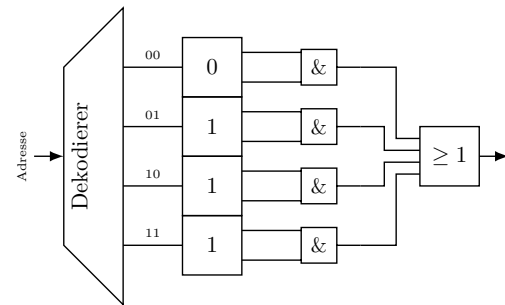
Rechner/ISA



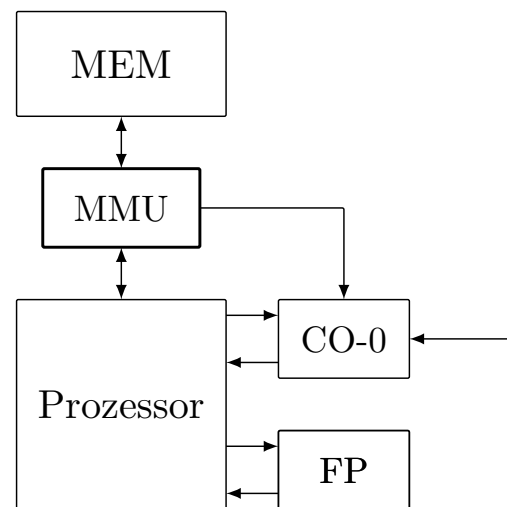
Rechner/LUT



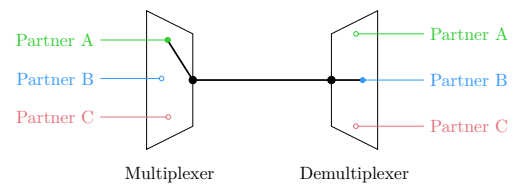
Rechner/LUT0der



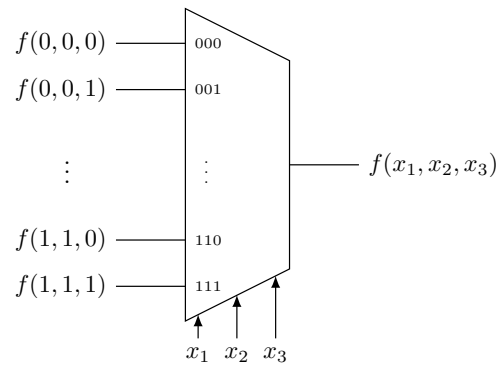
Rechner/MIPS



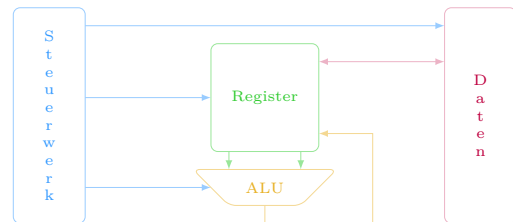
Rechner/MuxDemuxKommunikation



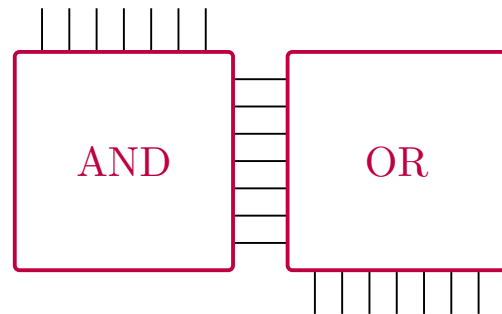
Rechner/MuxShannon



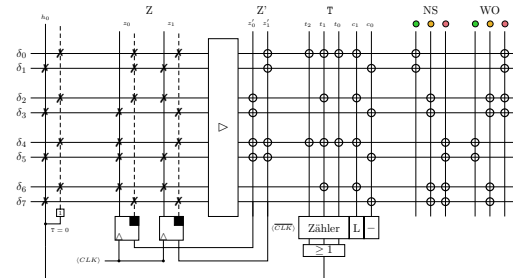
Rechner/NAadressmaschine



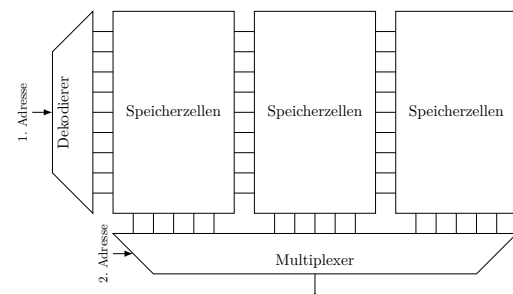
Rechner/PLA



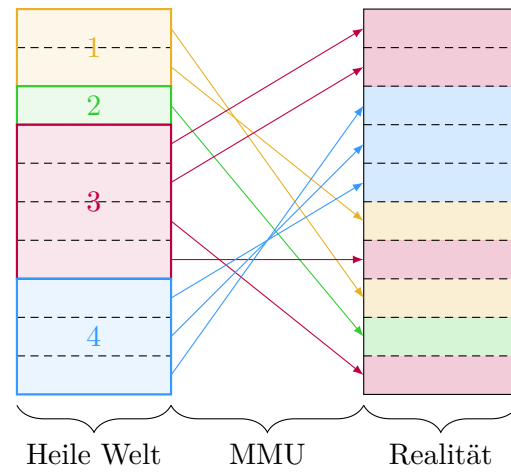
Rechner/PLAAmpel



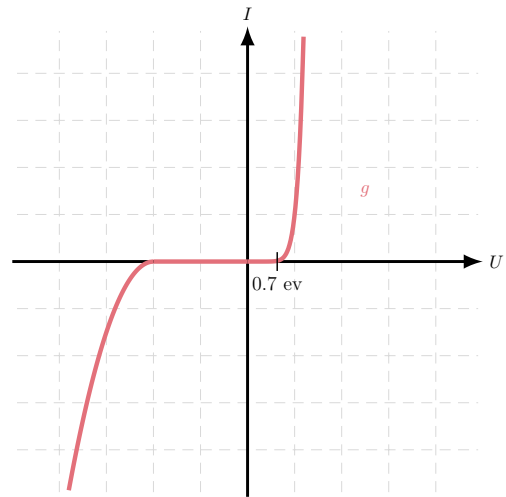
Rechner/PROM



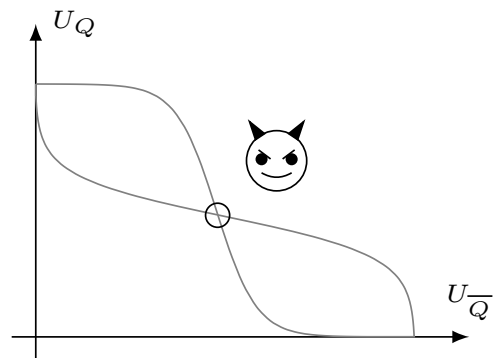
Rechner/Pages



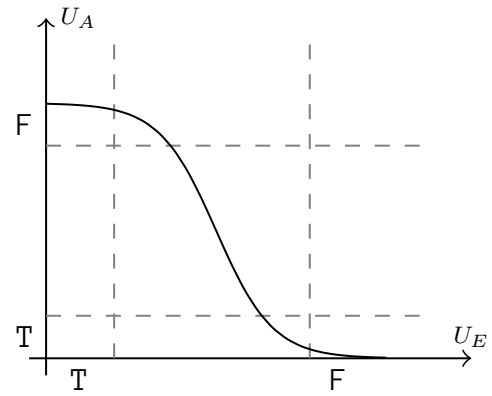
Rechner/Physik/DiodenStromstaerke



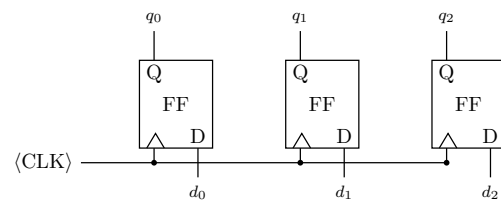
Rechner/Physik/Metastabil



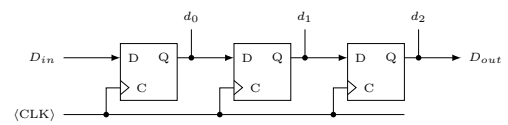
Rechner/Physik/TransistorStoertoleranz



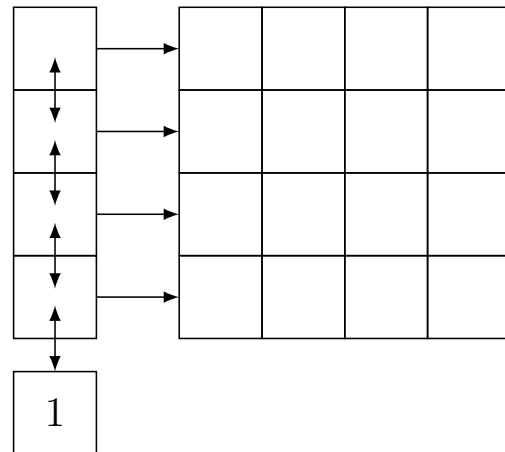
Rechner/RegisterParallel



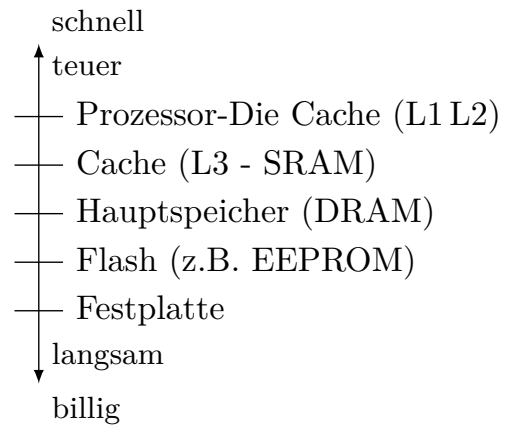
Rechner/RegisterSeriell



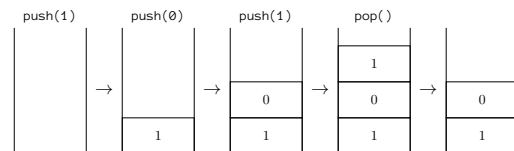
Rechner/Shiftregister



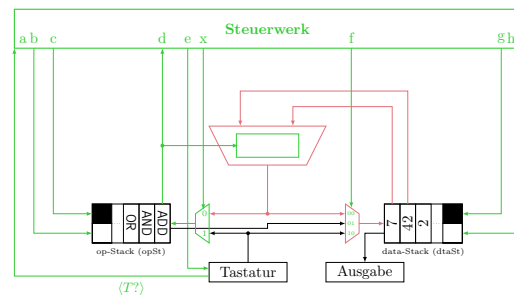
Rechner/Speicherhierarchie



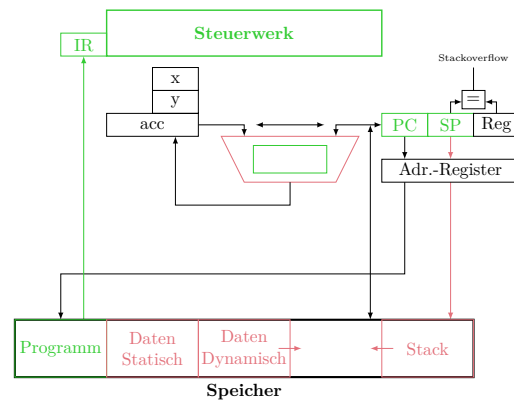
Rechner/StackExample



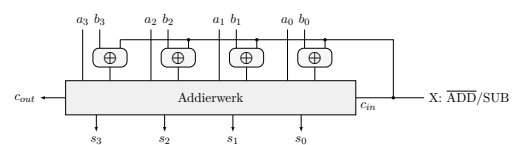
Rechner/Stackmaschine



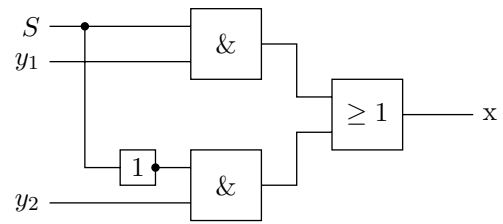
Rechner/StackmaschineSimpler



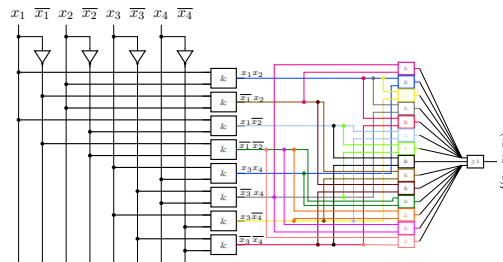
Schaltkreis/Addier-Subtrahierer



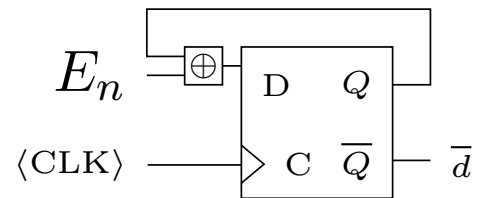
Schaltkreis/Demultiplexer



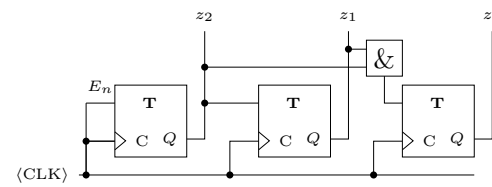
Schaltkreis/KomplexerSchaltkreis



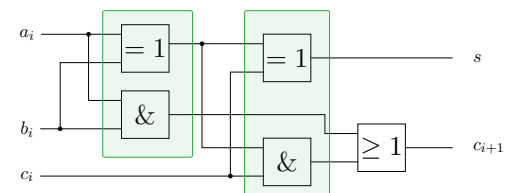
Schaltkreis/SynchronzaehlerDFF



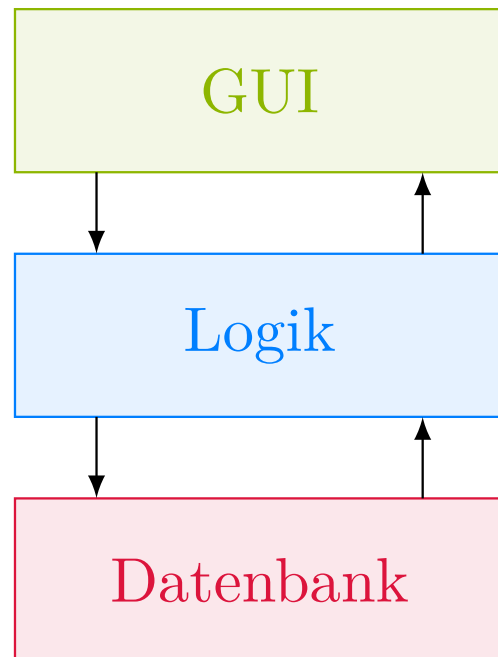
Schaltkreis/SynchronzaehlerTFF



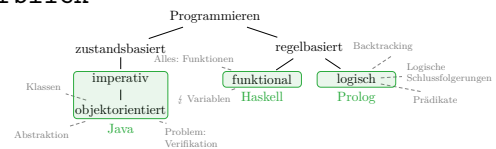
Schaltkreis/Volladdierer



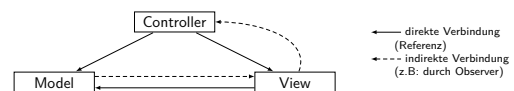
Software/DreiSchichtenArchitektur



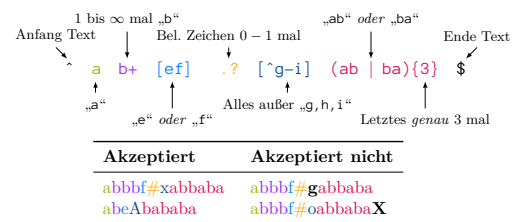
Software/Meta/ProgrammierparadigmenUeberblick



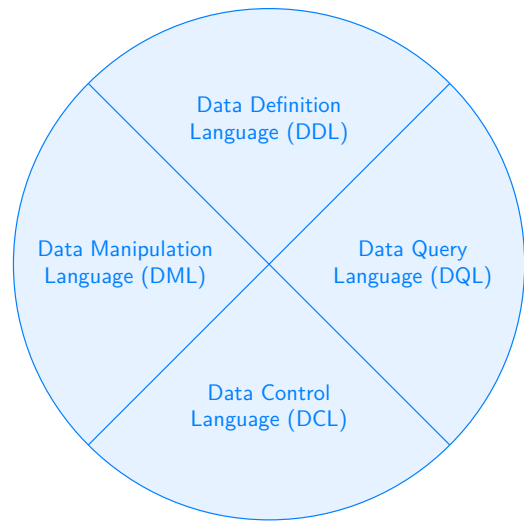
Software/ModelViewController



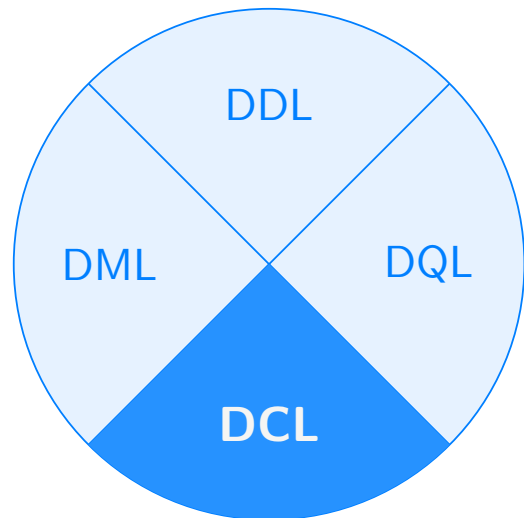
Software/RegexExample



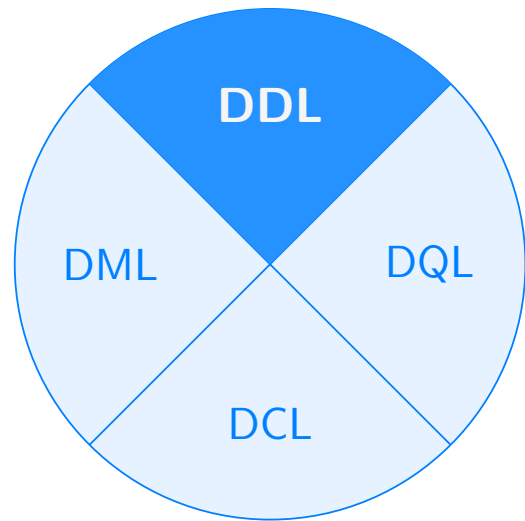
Software/SQL/SQLFields



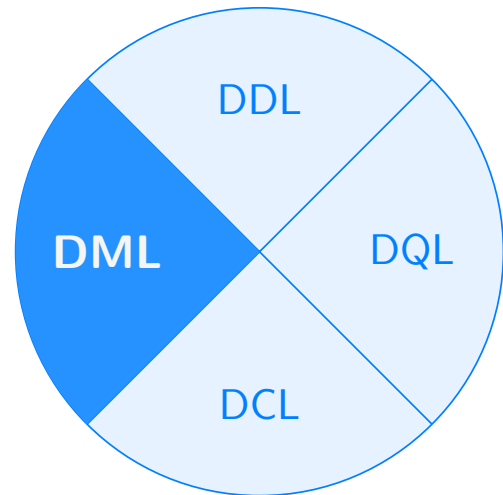
Software/SQL/SQLFieldsDCL



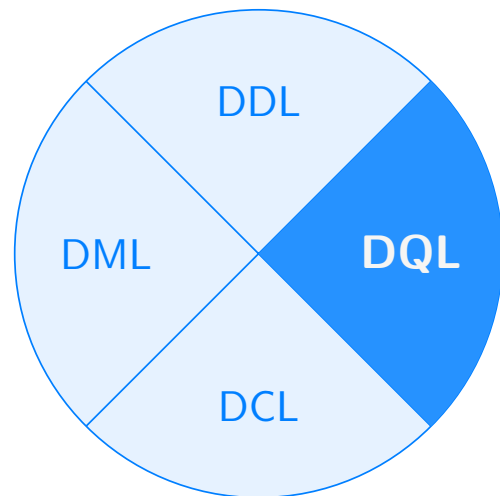
Software/SQL/SQLFieldsDDL



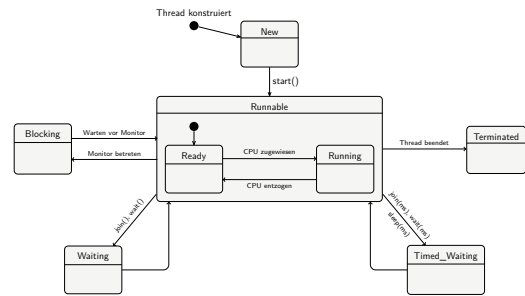
Software/SQL/SQLFieldsDML



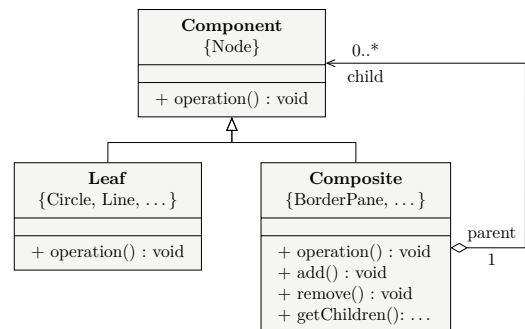
Software/SQL/SQLFieldsDQL



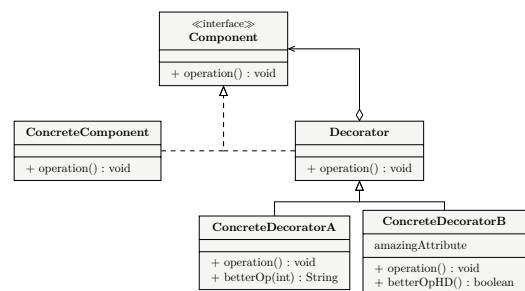
Software/ThreadStates



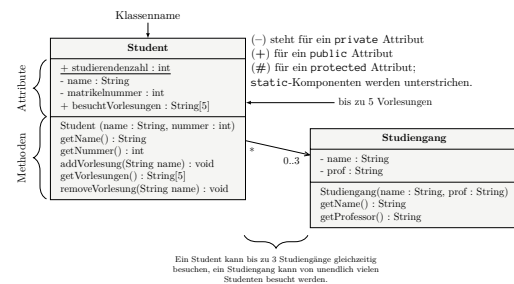
Software/UML/UMLCompositePattern



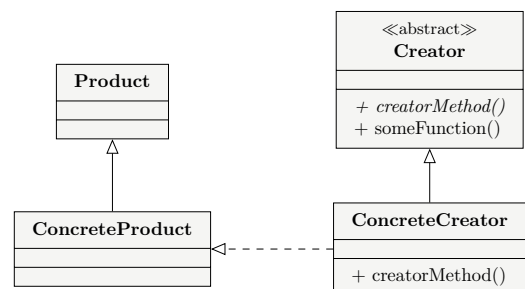
Software/UML/UMLDecoratorPattern



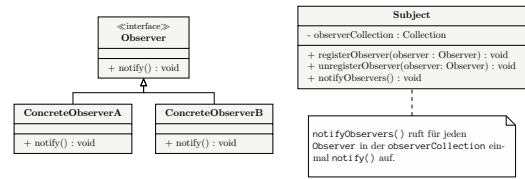
Software/UML/UMLExample



Software/UML/UMLFactoryPattern



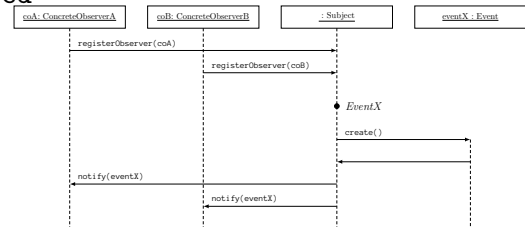
Software/UML/UMLObserverPattern



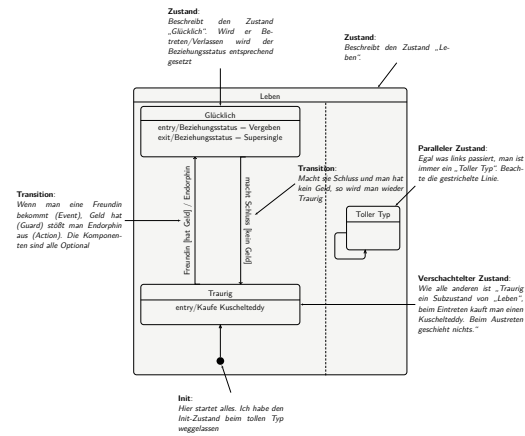
Software/UML/UMLSEQObserverPattern



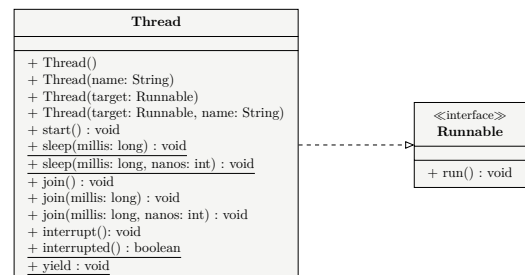
Software/UML/UMLSEQObserverPatternAdapted



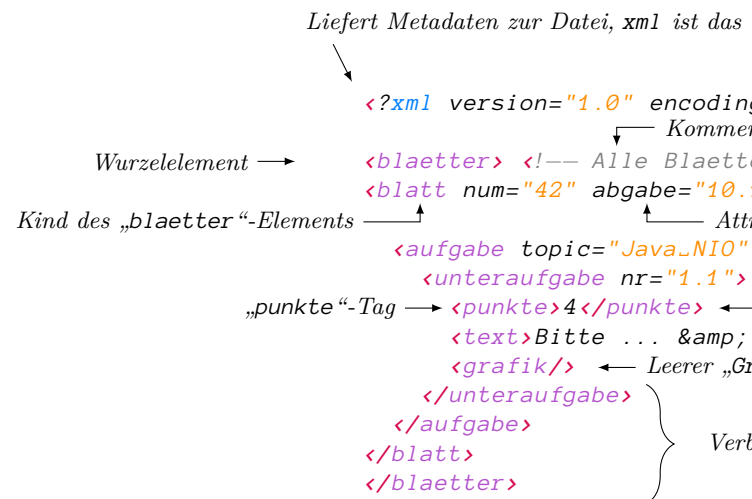
Software/UML/UMLStateDiagramExample



Software/UML/UMLThread



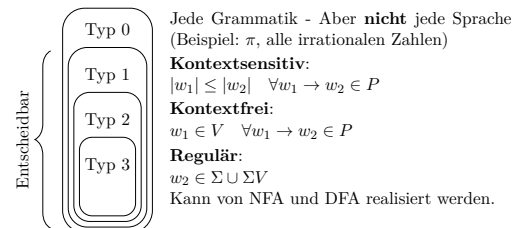
Software/XML/XMLUebersicht



Sprachen/CYKAlgorithmus

		1 a	2 b	3 c	4 c
T[1,j]	1	A	B	CE	CE
T[2,j]	2	D	—	E	
T[3,j]	3	S	—		
T[4,j]	4	S			

Sprachen/ChomskyHierarchie



Sprachen/Grammatik

