Inhaltsverzeichnis

Allerlei	2
Teufel	2
Automat	2
AutomatDFA	2
AutomatNFA	3
CYKAlgorithmus	3
Demo-1	3
Demo-2	3
Demo	4
Header	4
MealyAutomat	4
MinimalautomatBeispiel/MinimalautomatBeispiel1	4
MinimalautomatBeispiel/MinimalautomatBeispiel2	5
MinimalautomatBeispiel/MinimalautomatBeispiel3	5
MinimalautomatBeispiel/MinimalautomatBeispiel4	6
MinimalautomatBeispiel/MinimalautomatBeispiel5	6
MinimalautomatBeispiel/MinimalautomatBeispiel6	7
MooreAutomat	7
Datenbanken	7
ERMExample	7
Eigene	8
Proseminar/Cluster/en-circles	8
Proseminar/Cluster/en-clusters	8
Proseminar/Cluster/en-moons	8
Proseminar/Cluster/en-special	8
Proseminar/Cluster/km-circles	9
Proseminar/Cluster/km-clusters	9
Proseminar/Cluster/km-moons	9
Proseminar/Cluster/km-special	9
	10
	10
	10
	10
,	11

Proseminar/Clus	ter/rolf-clusters .			 		 						. 11
Proseminar/Clus	ter/rolf-moons			 		 						. 11
Proseminar/Clus	ter/rolf-special			 		 						. 11
Proseminar/Clus	ter/thumb-circles			 		 						12
	ter/thumb-clusters											
	ter/thumb-moons											
	ter/thumb-special											12
Graphen												13
•	l (4 C) J											
•	haftGrad											13
	arK33											13
	arK5											13
												14
												14
GraphZyklus				 		 		 •		•		14
Haskell												14
HaskellTypen				 		 						14
	n											15
											-	
Java												15
ODBCSchematise	ch			 		 						15
StreamDemo				 		 						15
Logik												15
												15
												16
	Tabelle											16
	Zusammenfassen											16
quinerité établie,						 		 •		•		
Mengen												17
FunktionBijektiv				 		 						. 17
FunktionInjektiv				 		 						. 17
	v											
Mengenmultiplik	ation/Mengenmult	iplikat	tion1	 		 						18
Mengenmultiplik	ation/Mengenmult	iplikat	tion 2	 		 						18
Mengenmultiplika	ation/Mengenmult	iplikat	tion3	 		 						18
Mengenmultiplik	ation/Mengenmult	iplikat	tion4	 		 						18
VennDifferenz				 		 						18
VennSchnitt				 		 						19
VennVereinigung				 		 						19
Prozesse												19
												19
												19
rrozesszustaende				 	• •	 • •	• •	 •	• •	•		19
Rechner												20
ΔΙ.ΙΙ												20

AmpelPLA	 	 						20
BarrelShifter	 	 						20
Beispielprozessor								20
CLA								20
CPLD								
CSA								
DreiTorRegister								
Eintorspeicher								
GALPAL								$\frac{22}{22}$
Geraeteverwaltung								$\frac{22}{22}$
HardwareSkizze								$\frac{22}{22}$
								$\frac{22}{23}$
ISA								23 23
LUT								
LUTOder								23
MIPS								23
MuxDemuxKommunikation								24
MuxShannon								24
NAdressmaschiene								24
PLA								24
PLAAmpel								25
PROM	 	 						25
Pages	 	 						25
Physik/DiodenStromstaerke	 	 						26
Physik/Metastabil	 	 						26
Physik/TransistorStoertoleranz	 	 						26
RegisterParallel	 	 						. 27
RegisterSeriell	 	 						. 27
Shiftregister	 	 						. 27
Speicherhierarchie	 	 						. 27
StackExample	 	 						28
Stackmaschiene	 	 						28
StackmaschieneSimpler								28
•								
Schaltkreis								28
Addier-Subtrahierer	 	 						28
Demultiplexer	 	 						28
KomplexerSchaltkreis	 	 						29
SynchronzaehlerDFF	 	 						29
SynchronzaehlerTFF	 	 						29
Volladdierer	 	 						29
Software								30
DreiSchichtenArchitektur								30
Meta/ProgrammierparadigmenUeberblick								30
ModelViewController								30
RegexExample								30
SQL/SQLFields	 	 						
SQL/SQLFieldsDCL								. 31

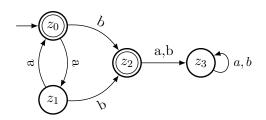
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UML/UMLStateDiagramExan										
UML/UMLThread			 	 		 				
XML/XMLUebersicht			 	 		 				

Allerlei/Teufel

Ergebnis

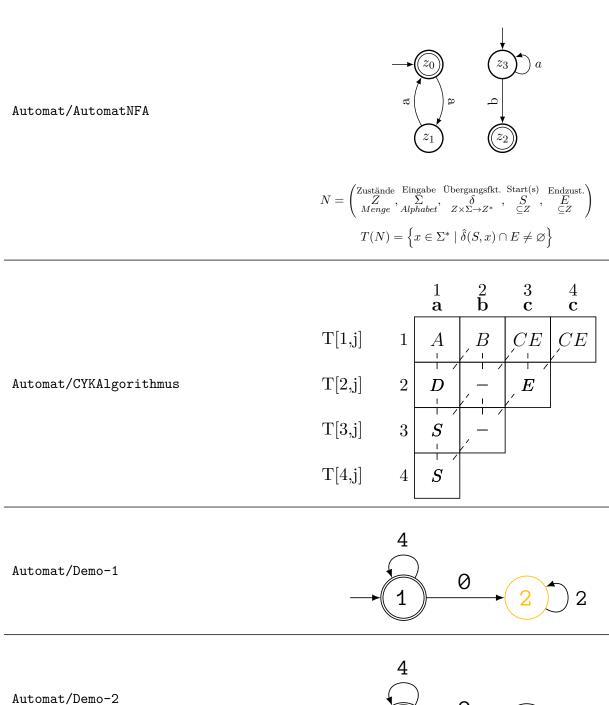
 $D_{\rm eterministic}\ F_{\rm inite}\ A_{\rm utomaton}$

Automat/AutomatDFA

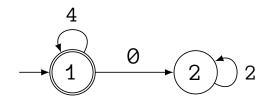


$$D = \begin{pmatrix} \text{Zustände Eingabe Übergangsfkt. Start(s)} & \text{Endzust.} \\ Z & \Sigma & S \\ Menge & Alphabet & Z \times \Sigma \to Z & S \\ T(D) = \left\{ x \in \Sigma^* \mid \hat{\delta}(S,x) \cap E \neq \varnothing \right\} \end{pmatrix}$$

$N_{\rm ondeterministic} \ F_{\rm inite} \ A_{\rm utomaton}$



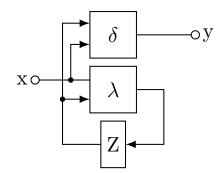
Automat/Demo



Automat/Header

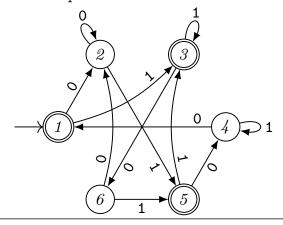
Isch bin a Hädder!

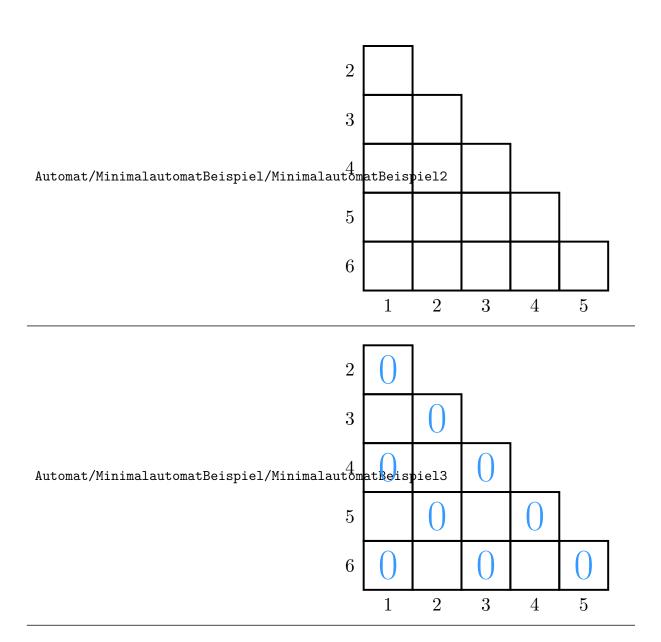
Automat/MealyAutomat

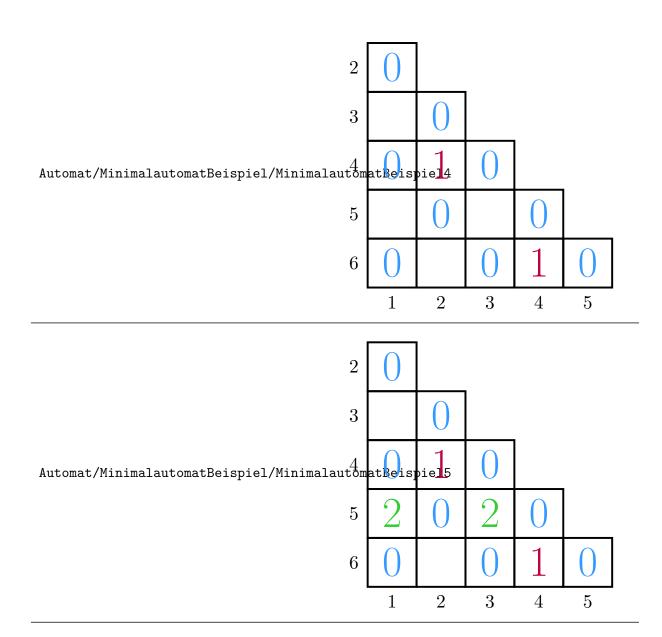


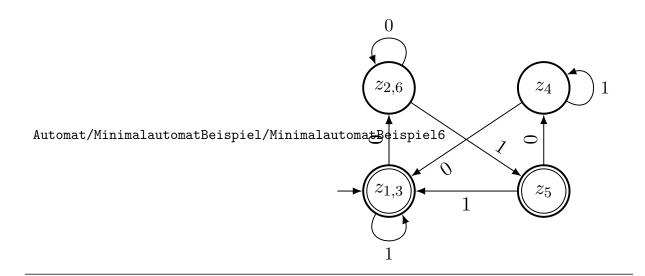
Ausgabe von Zustand & Eingabe abhängig

 ${\tt Automat/Minimal automatBeispiel/Minimal automatBeispiel 1}$

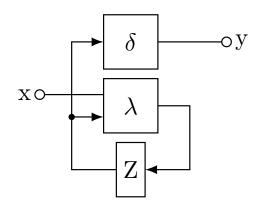








Automat/MooreAutomat



Ausgabe nur vom Zustand abhängig

Beziehung: Eigenschaften eiverhältnis zwischen Entität:
Hentifizierbares
Objekt

Teile

O.* Lieferanten
Liefstadt
Werte ein

Einschränkung:
Schränkt
Werte ein

Einschränkung:
Schränkt
Werte ein

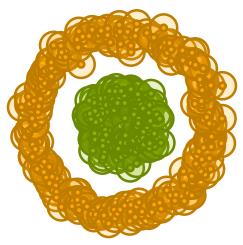
Kardinalität:
Ein Liefr. erhält
bel. viele Bestellungen

MinBest

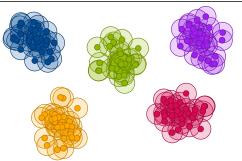
Bestelllungen

Bestelllu

 ${\tt Eigene/Proseminar/Cluster/en-circles}_{\tt pdf}$



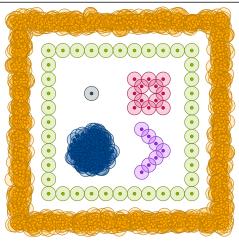
 ${\tt Eigene/Proseminar/Cluster/en-clusters}_{\tt pdf}$

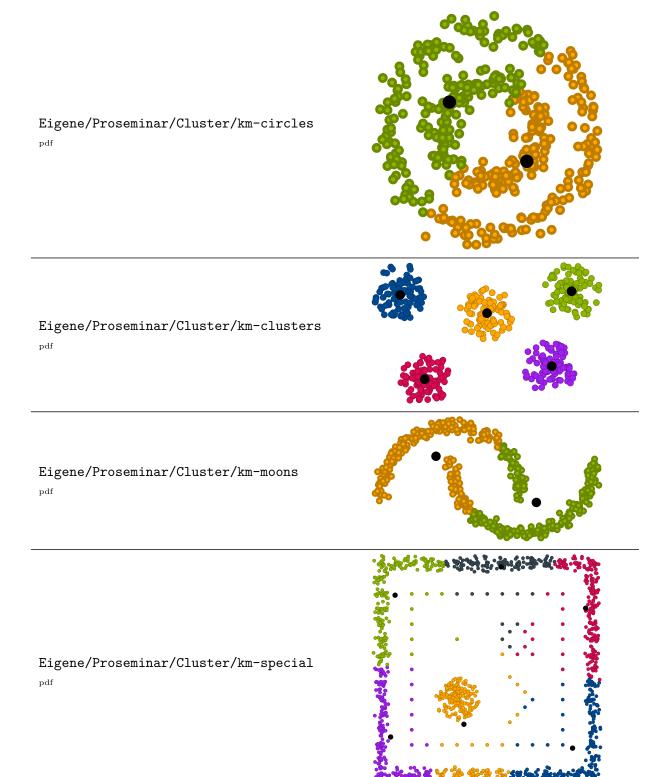


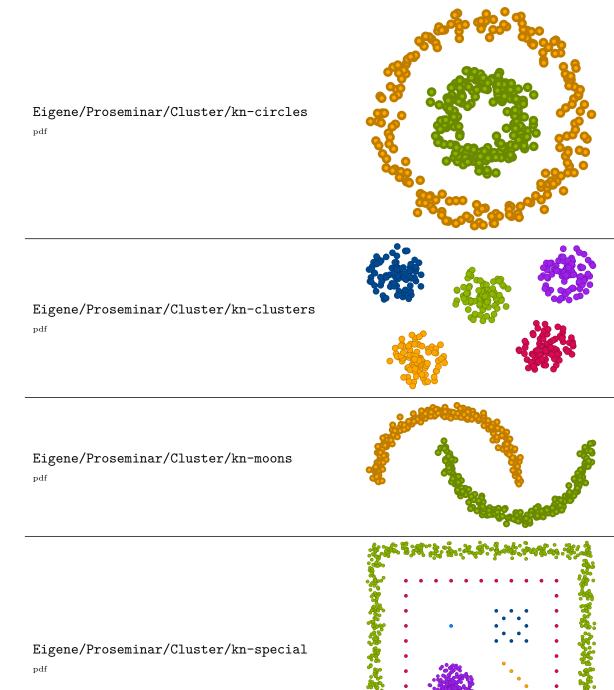
 ${\tt Eigene/Proseminar/Cluster/en-moons}_{\tt pdf}$

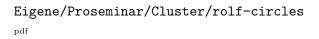


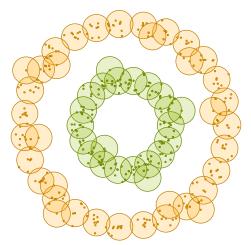
 ${\tt Eigene/Proseminar/Cluster/en-special}_{\tt pdf}$



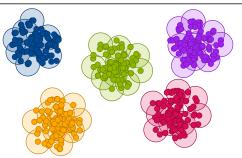




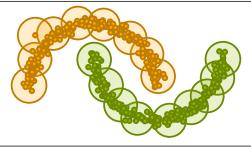




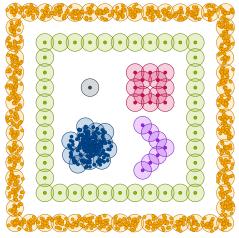
Eigene/Proseminar/Cluster/rolf-clusters



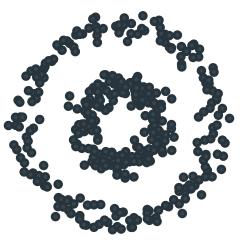
 ${\tt Eigene/Proseminar/Cluster/rolf-moons}_{\tt pdf}$



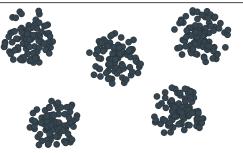
 ${\tt Eigene/Proseminar/Cluster/rolf-special}_{\tt pdf}$



 ${\tt Eigene/Proseminar/Cluster/thumb-circles}_{\tt pdf}$



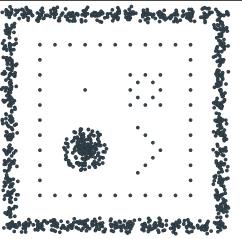
 ${\tt Eigene/Proseminar/Cluster/thumb-clusters}_{\tt pdf}$



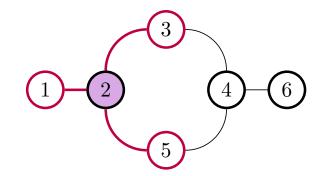
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 ${\tt Eigene/Proseminar/Cluster/thumb-special}_{\tt pdf}$

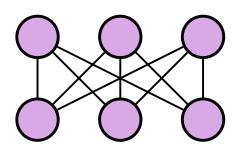


 ${\tt Graphen/GraphNachbarschaftGrad}$

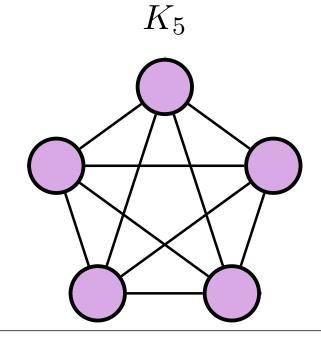


 $K_{3,3}$

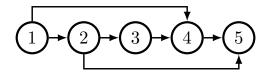
Graphen/GraphNichtPlanarK33

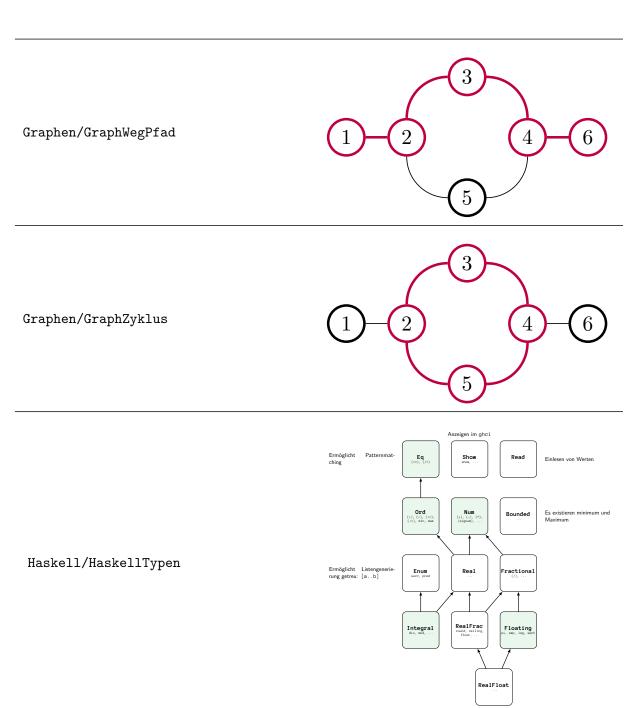


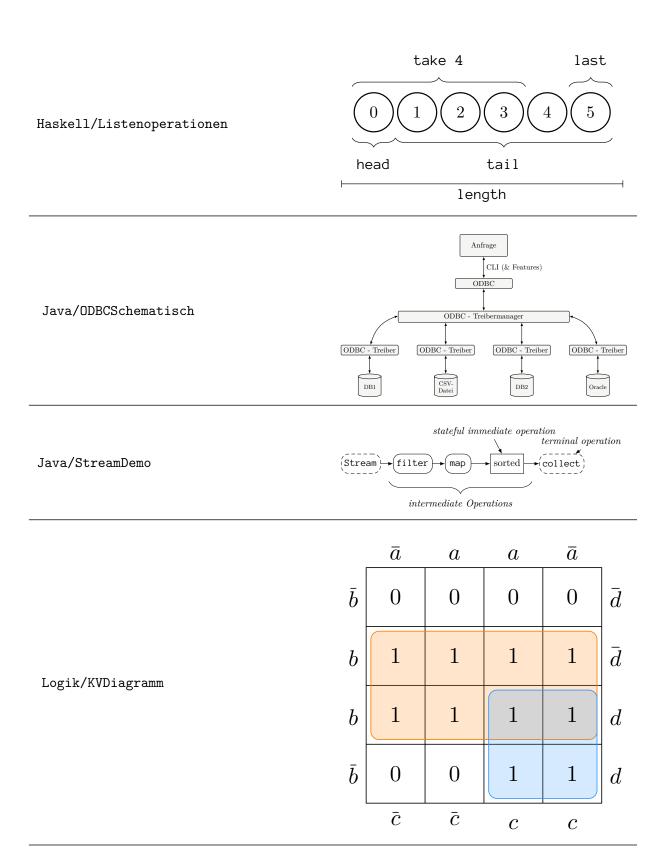
Graphen/GraphNichtPlanarK5

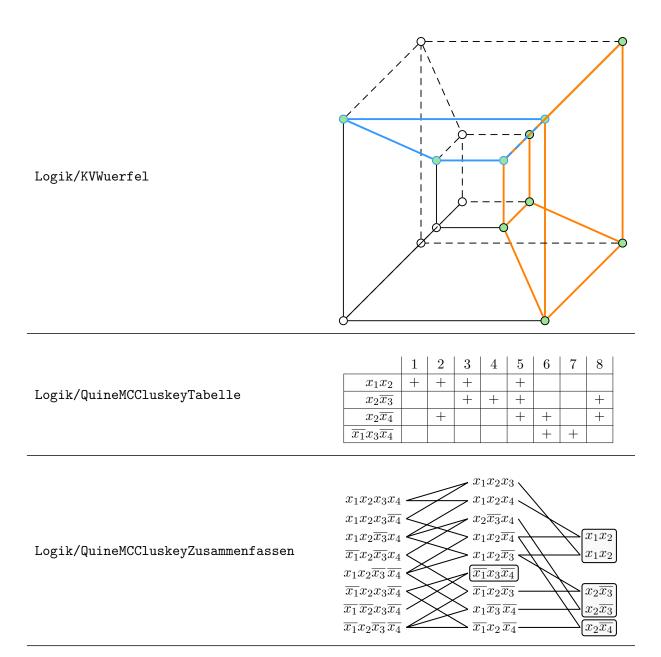


Graphen/GraphTopologie

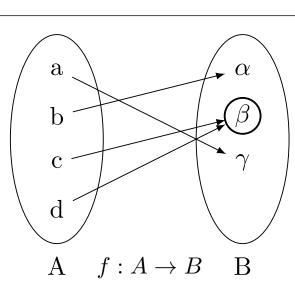








a b Mengen/FunktionBijektiv c d $f:A\to B$ A b Mengen/FunktionInjektiv \mathbf{c} d A $f:A\to B$ a



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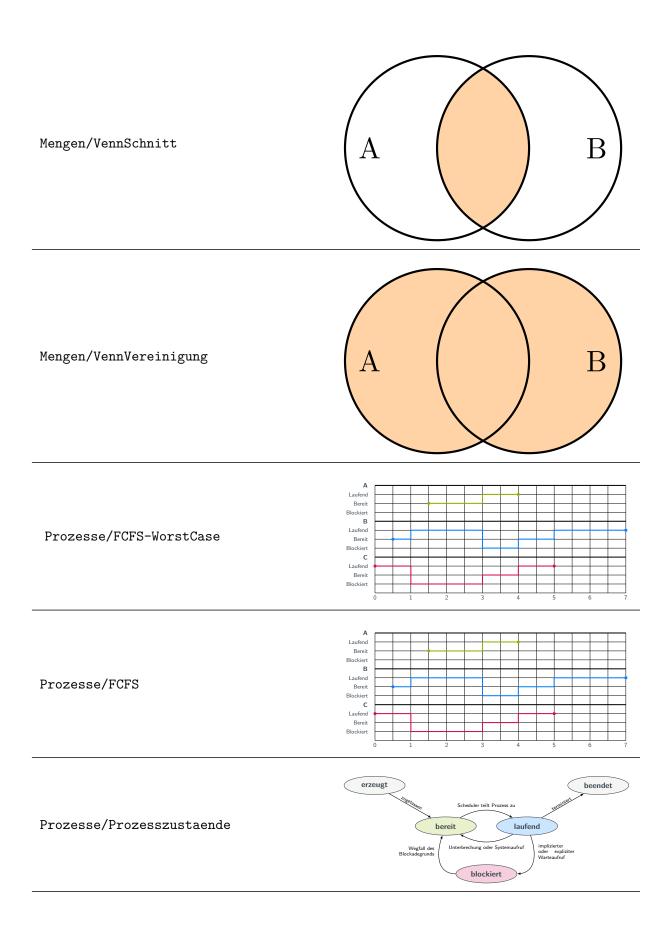
В

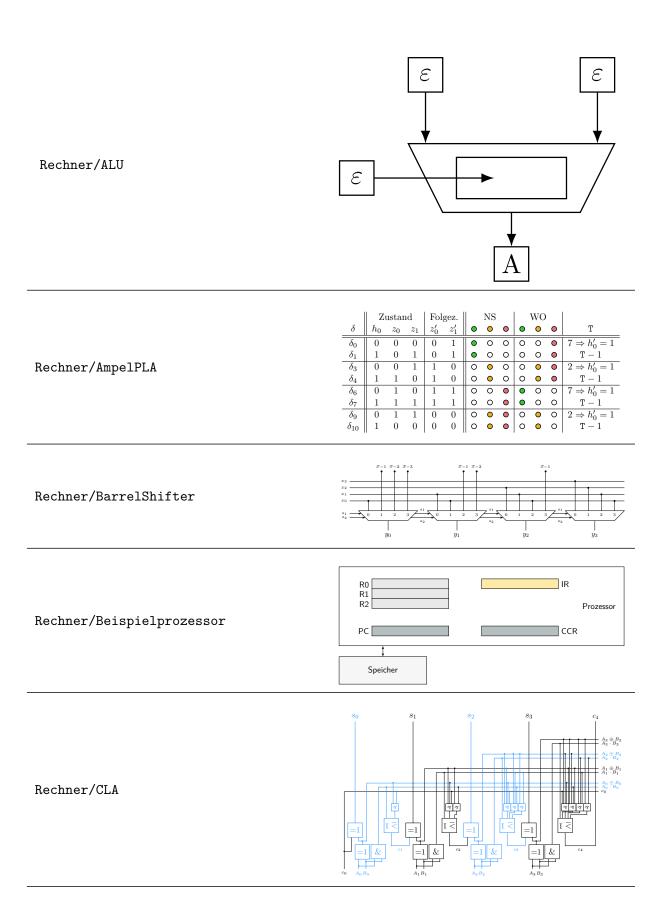
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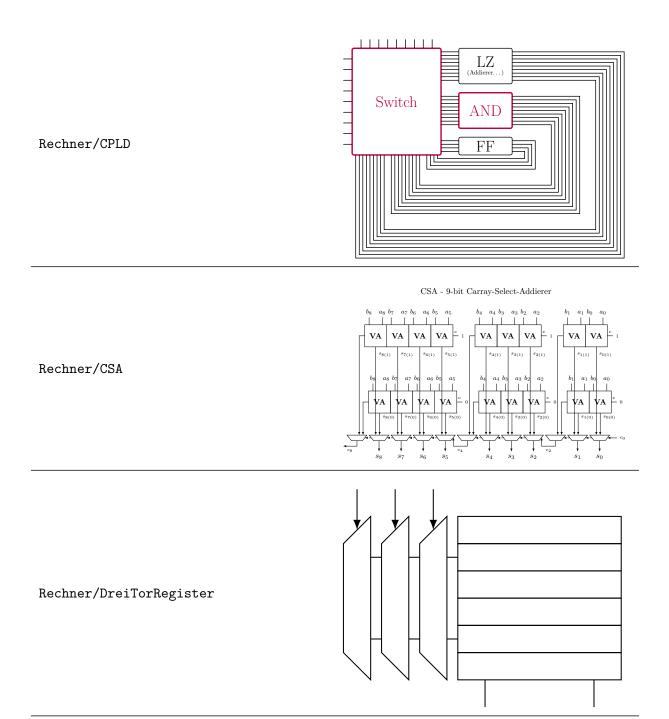
В

Mengen/FunktionSurjektiv

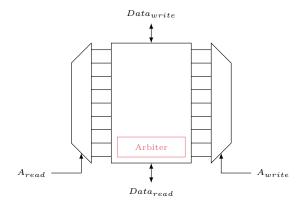
```
Für \boldsymbol{a} ergibt sich also:
Mengen/Mengenmultiplikation/Mengenmultiplikation1
                                                                                         a = 1 * 3 + 3 * 1 + 4 * 1 + (-1) * 1
                                                                                         Für b ergibt sich also:
Mengen/Mengenmultiplikation/Mengenmultiplikation2
                                                                                         b = 1 * 0 + 3 * 2 + 4 * 1 + (-1) * 2
                                                                                         Für c ergibt sich also:
Mengen/Mengenmultiplikation/Mengenmultiplikation3
                                                                                         c = 1 * 3 + 1 * 1 + 3 * 1 + 0 * 1
                                                                              \begin{pmatrix} 9 & 8 \\ \mathbf{c} & d \end{pmatrix}
                                                                                         Für d ergibt sich also:
Mengen/Mengenmultiplikation/Mengenmultiplikation/4
                                                                                         d = 1 * 0 + 1 * 2 + 3 * 1 + 0 * 2
                                                                                          = 5
                                                                                                              В
Mengen/VennDifferenz
```



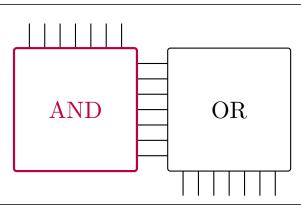




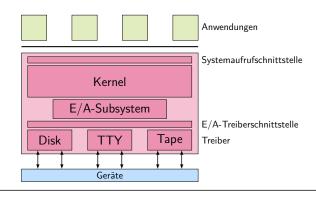
Rechner/Eintorspeicher



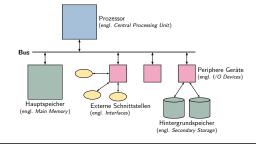
Rechner/GALPAL

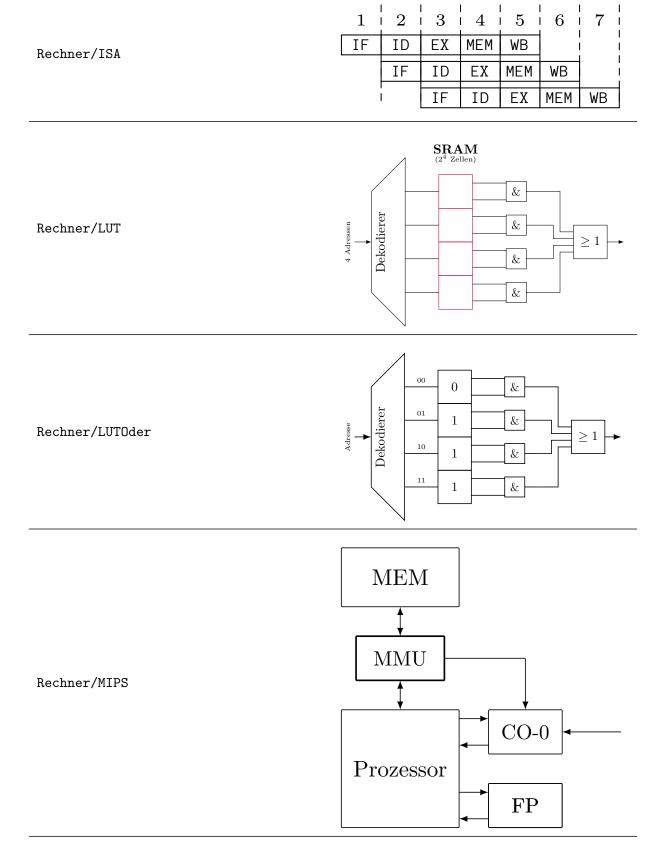


Rechner/Geraeteverwaltung

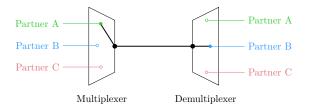


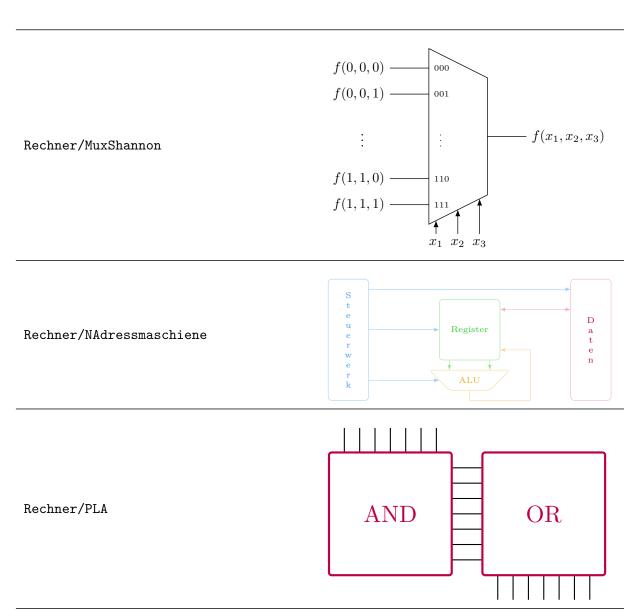
Rechner/HardwareSkizze

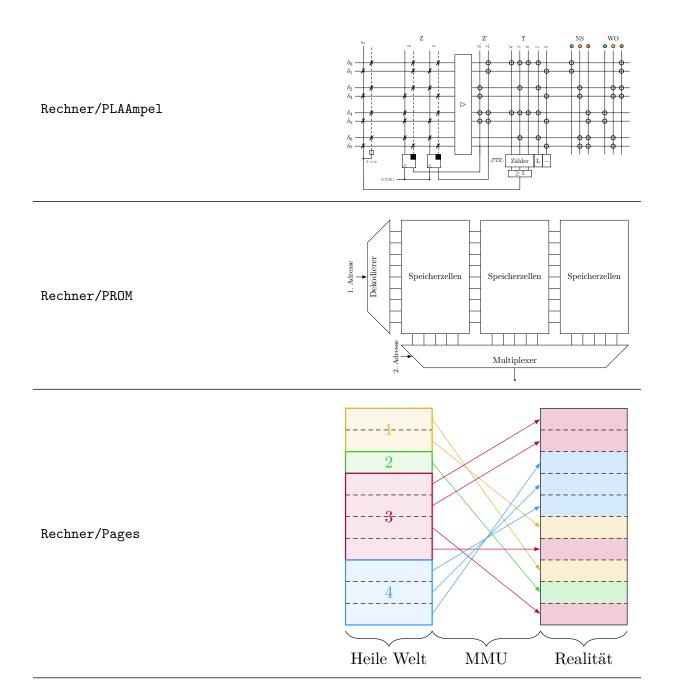


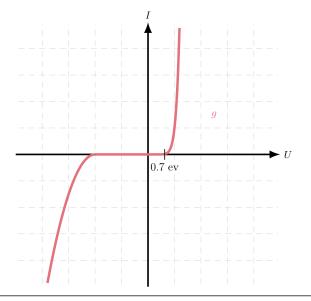


Rechner/MuxDemuxKommunikation

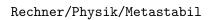


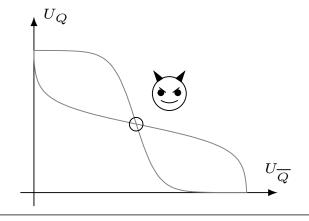




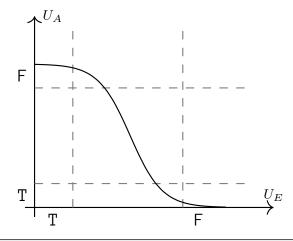


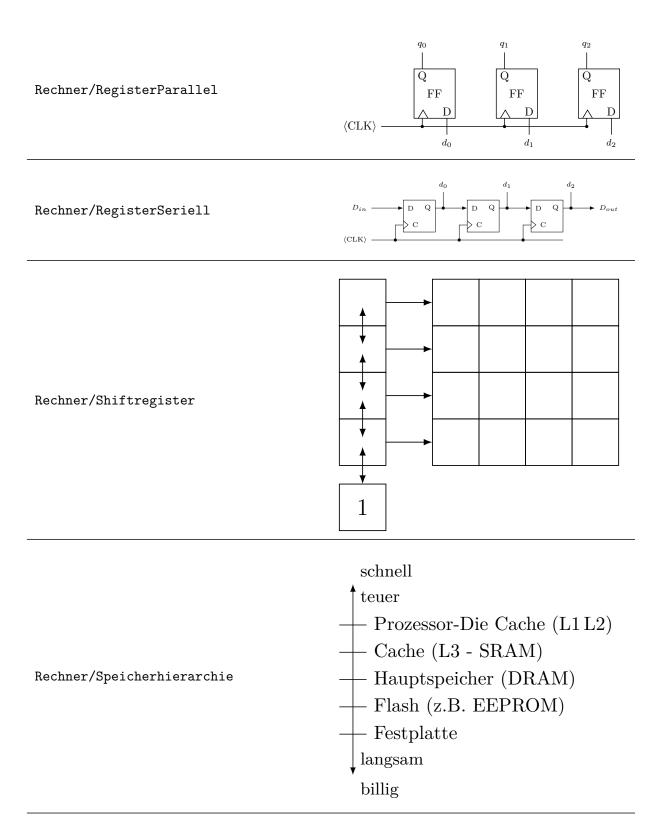
Rechner/Physik/DiodenStromstaerke

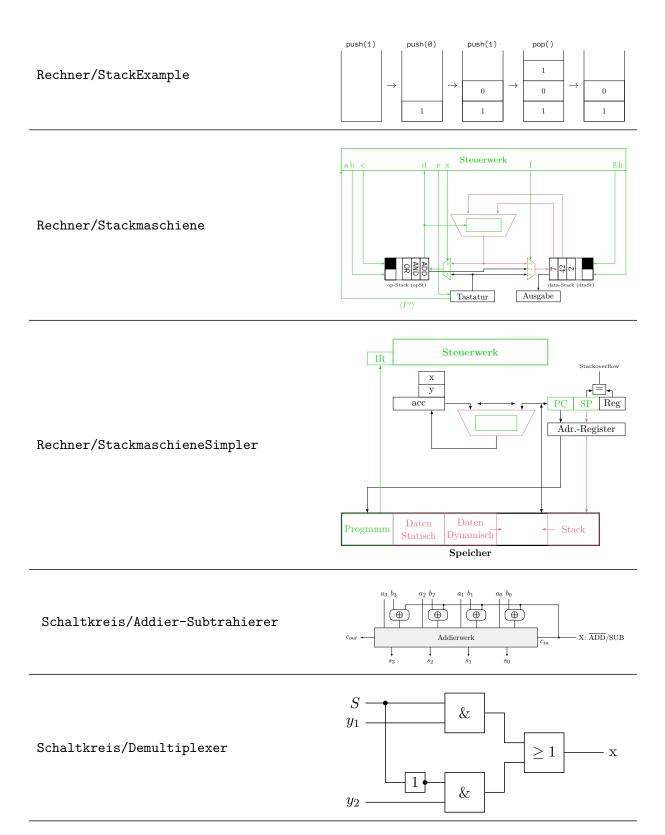


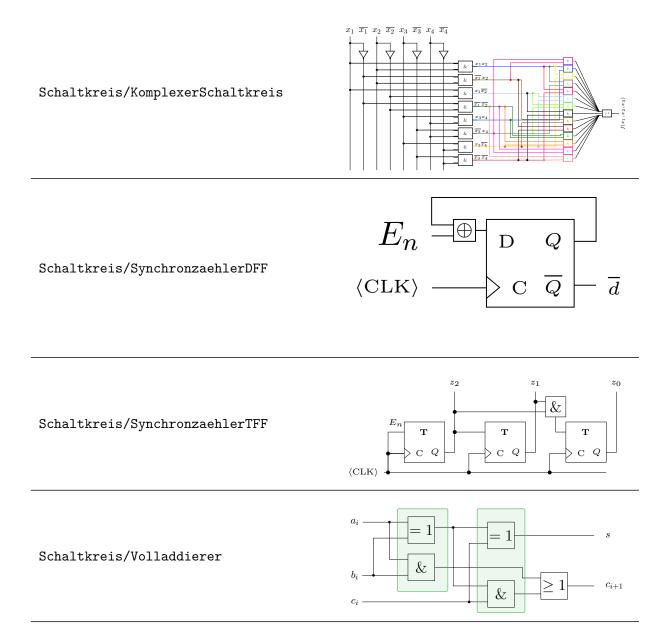


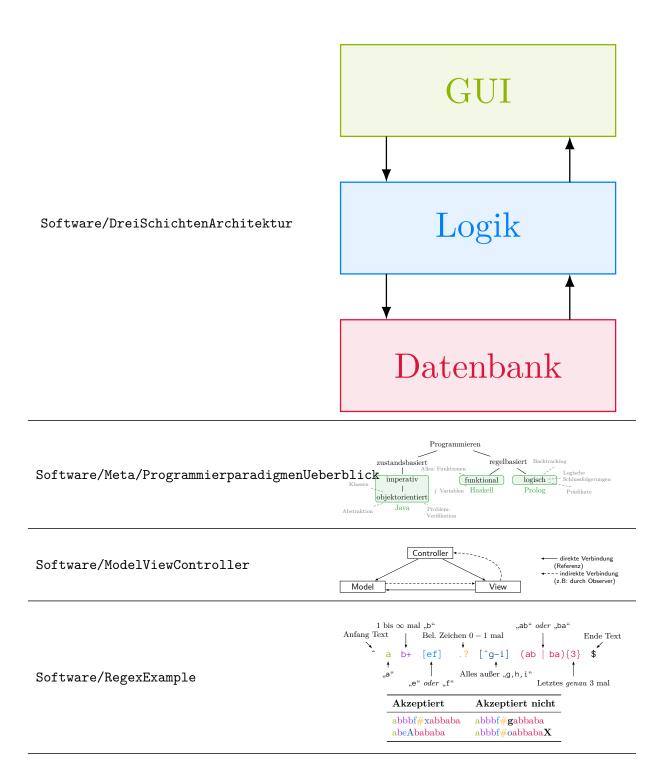
Rechner/Physik/TransistorStoertoleranz

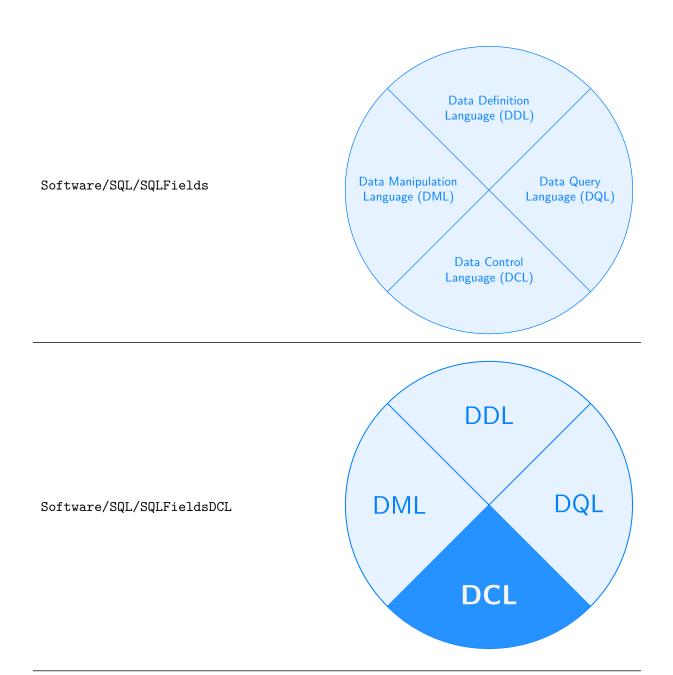


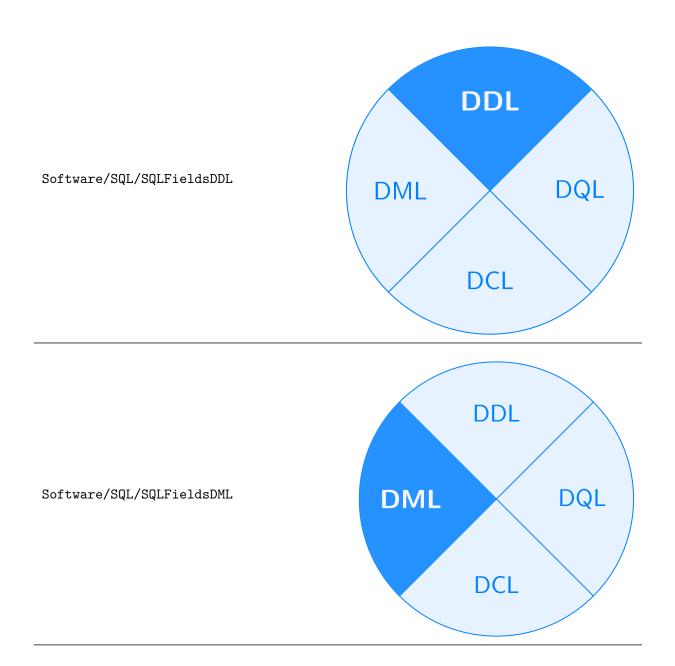


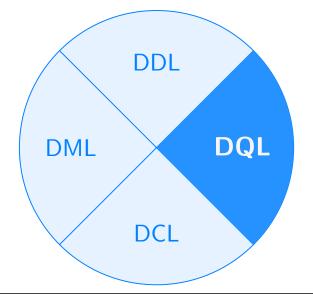












 ${\tt Software/SQL/SQLFieldsDQL}$

