



1. Bet. L(m) = L(mi) B. ws 311

2. Bh. Ygea' Dwez*

(mid) 5 (bim) = (dib) 5

Indu Rvius Semons: when Iw! Sol, 2

Jud. Auf [W = 0

3-1

5 (4, E) = 9 = 0 2 p3 = 0 5 ms = 0 (P, E)

0 9. 0'' D7 B D4. N', 5 D4. PR B

Judugliussolluss, Losa/Horn!

q, = 74,3 57 (g, w) (F + p (1, 6, 2, 8, 4) (P, W) J (2 / m) 6 F) M asaplul w Def. DIAM Dep NTA M m'astraphat w => ME S 1. Behr (Bew.) (divel)

n Zustonde ~> 24 Zust ande NTA SOFA

going notinedy sei

3.24 Minimiaming and cla Andonalan

(m)7=(m)7 Zie DFA M -> DFA M

m' sold wenge Zustände sitellion

1- 2 WC Z" (W) Ohn Ost dard 3 telber 3

Se M= (Q, S, J, go, F) Definition 3.12

0110

A qui valer a relation! Symn. of. Jams, 12

Alguiralan Alasse von Q

[[o]] sa

Sintalung ver K in Aquiralon Reve 2.7/2 = 1/2.5 woldde friel? boyl."=" S. M= (Q, S, S, S, R) DFA biodo M'= (Q, E, S, S, P') 三人の一二二(の一人) 242, 453 Back Bacz Definition 3.13 (A quirulant stance our townt 20 M Q'= Morge day Aguiralpha 2000 un F1= 31[4] 1 967 5 S', Q' XX J C 1190 1190 11 deart, dass

Toporer 3.14 M' ist works dopiniet and so gill L(M) = L(M') JSOORN 3.15 M 1st DFA mit Manit mose da Zustands mange do L(M) entschidel

[[19] (a] (a] (a] (a) [[05(q,a)]] = [[05(p,a)] Bews. Th. 3.14 S' unabhaiff von Repridentante 22. IPI = IIqII = 5

of (0(4,a),w) => Yae > (Pwe 2 (P, aw) (F <> 5 (4, au)) F AME E ((((P, W) E => 5) (8, W) FF of *(o((P,a),w) D= 4,0ef. = FID - 101

[4] [4] [4] [4] [4] [4] [4] [4] [6, We? Vae ∑ (Vwe ∑*: 5*(5(p,q), w) € F €> 5 (5(q,q), w) € F) Noch a wyen, ITPII=ILQTI => (PEF, 4EF) oda (PEF, 947) Hacs: O'(IqII, a) = O'(IpI), a) Soin Durch Raw Mit W Tan'T Ital This II Yaes : [[0[(p,4)]] = [[0(4,0)]] < = > M duredright 2 worder A zupliet gleiche Sprache V.

5 Dasso ge 大多名(学生)内 (3 = M) Brines dieser Aussigo

Zu regen, M' ist minimal big. Zustandsmarge Die von 1740II will aned bur sind. Wha paissig Zusdande entferen.

Se LE > Sprale Definition 3.16 (Neroll-Rollin)

x R, y : (=> Y265*; (xzel (=) yzel

Aquimbaz redadin V

Index von RL: = # Aquixalbon 2 Alassen 5 in Aquivaller Marra outtell ?

Sgribury, malex(PL) Neiocle-Index

5-5403 W3n11 = 2 WE S ([w] = 3411 , nE/163 W32 = }m6 5 1 1W = 3.4, n6 1/2, } (3SP) L= 2 W6 24 / W/ isd duid 3 leight, } R, hat 3 KROSSEN wicher (R2) = 3

A) Jeds Autonut Sal midsters was (Rc) veds Zustand (LB) Wg 42 = 3 we 5" (IW) = 342, n 6 Ma 3

B) M' sut maxinal wides (R2 I rele Zustinde (UB)