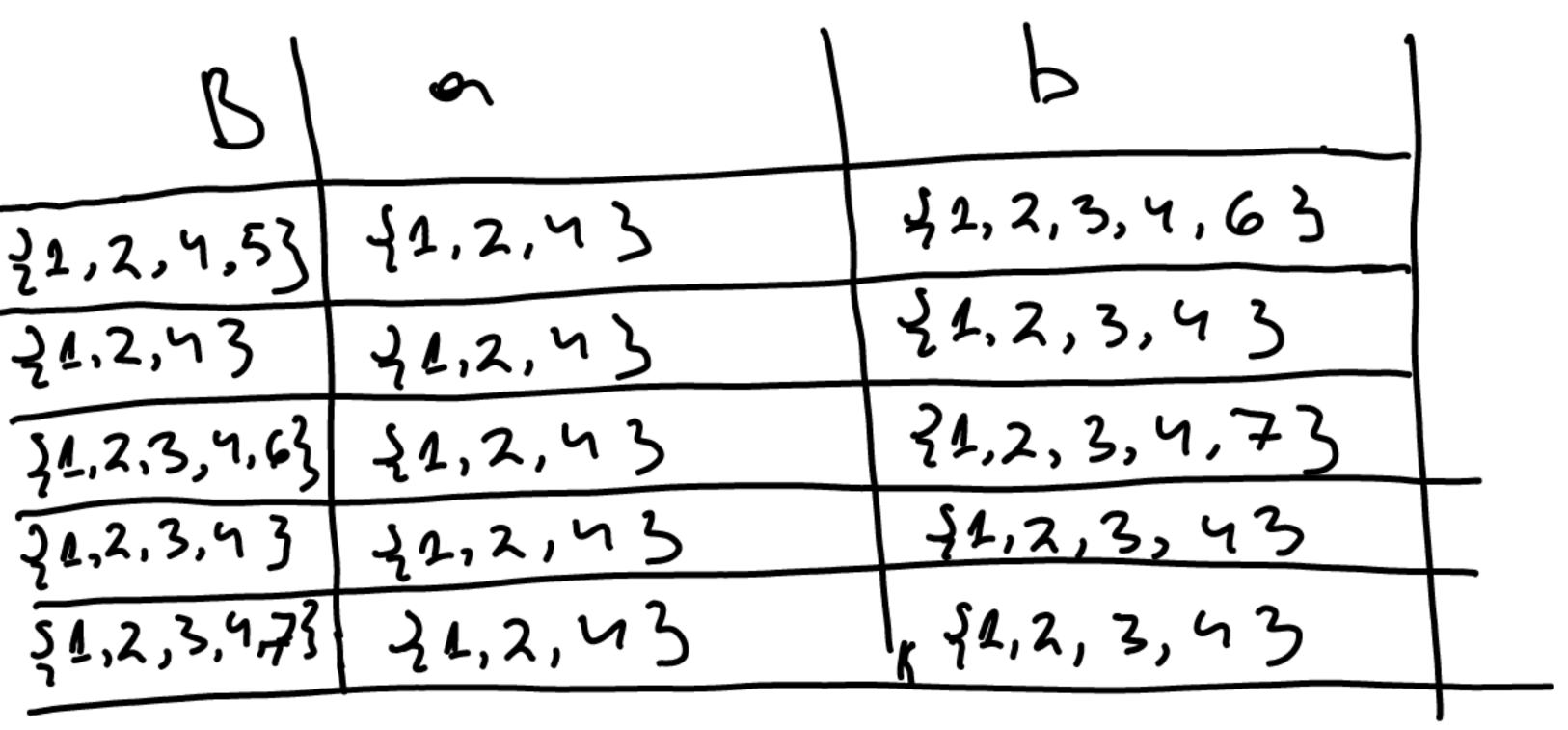
Desephunnpane no
Desephunnpane non absorance
def: Hera $f = (Q, I, \Delta, F)$ e upaen absoras nag azoqua ZI. Haybare re A e gesepunumpan r.c.i.u. $1 \cdot I = 1$; $2 \cdot \Delta \subseteq Q \times Z \times Q$ (usua e -npexogn);
uae azoque Z. Hazbare re A e gérépuninpan
r.c.P.u. 1.1I=13 71 (usua E-npexogn):
$2. \Delta \leq \alpha \times \Delta \times \alpha$ $2. \Delta \leq \alpha \times \Delta \times \alpha$
3. (\qeQ)(\daeZ) 3. (\qeQ)(\daeZ) [\q'6Q (\q,a,q')e\]≤1.
del: Aborara A=(Q, I, A, F) e rosanen gerepumpan T.C.T.K.
gesephumpan T.C.T.U.
$\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}$
2. D= CAD (HaEZ)
1. I =1; 2. \(\D \in \alpha \in
Therea $A=(Q, I, \Delta, F)$ e apaen absorar hare Z_i . Toraba confessiones agrephum par u soranen absorar B nag Z_i rausb, re $1(B)=L(A)$
nae 7. Toraba conferbylog gerephumpan u
FORAner abornat Brag Zi ranch, re
Therato $A = (Q, I, b, F)$ e gerephumpan Home en pazinement $b: Q \times Z \rightarrow Q$ do-9 Horato e gerephumpan u toraten soo b e rotanno dogunyan
monne de besserante 1: 0xx 2 2000
porato e géréphimpair
11 De morance de Justique

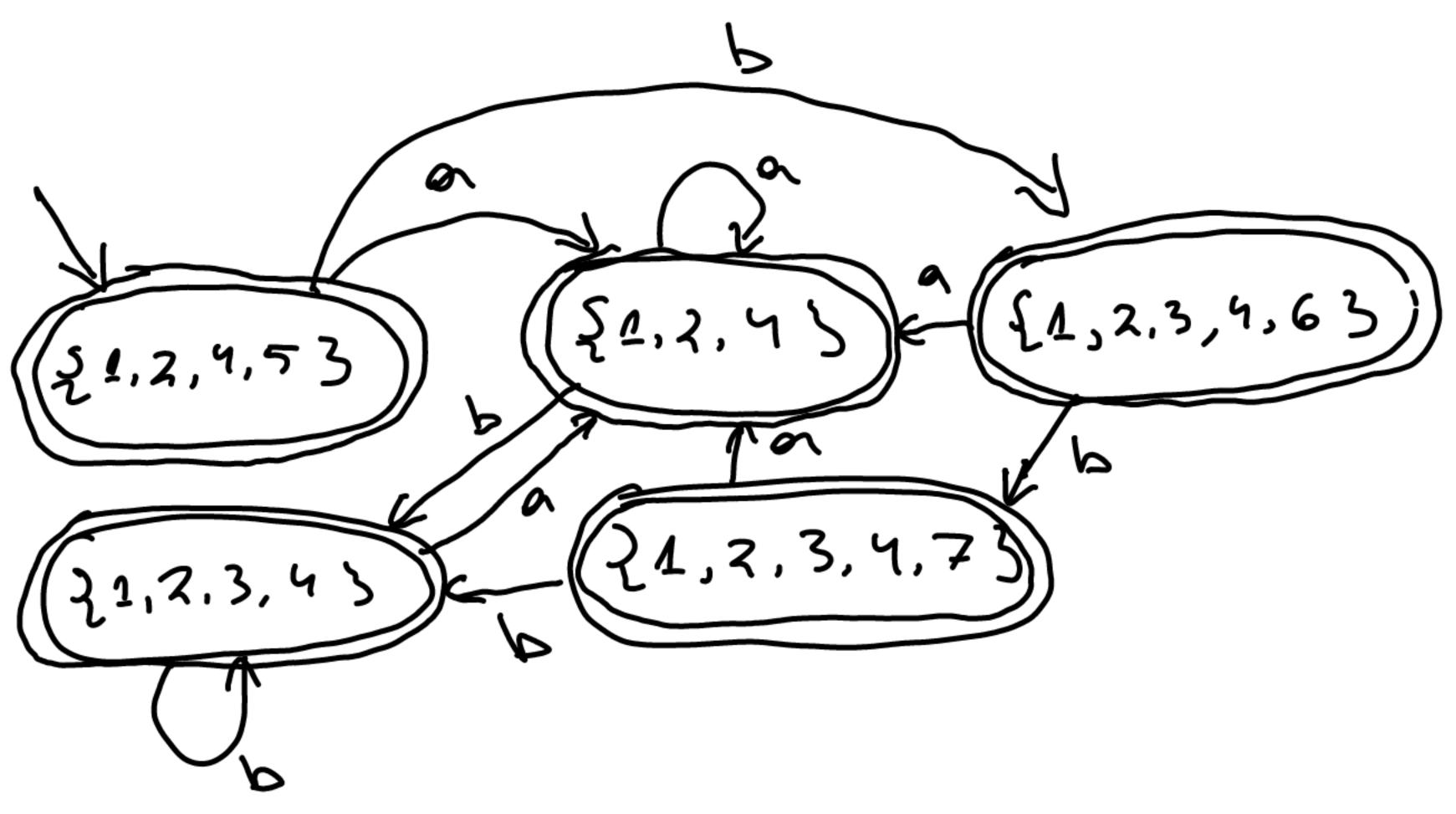
Housseynyne (arropaion zon gesepennempann): Heur A=(Q, I, A, F) e upren absorat mag Zi. B=(P(Q), ECE(I)3, 8, {X = Q | Xn F=\$}) vages (E: P(Q) -> B(Q) ranalon, re CE(X)#\29'6Q1(396X)[91)3 M S: Qx II -> Q no chegemer harenn S(X,a) = (ε(29'εQ | (3qεX) [(9,a,q')εΔ]) Bapro e re B e graphumpar u rosaneu m L(B) = L(A). Bagarea Derepunne paire megune absorat: 2 b 3 4 (1) $\frac{b}{\sqrt{5}} = \frac{b}{\sqrt{7}}$ Huo gupeurno uppen foire uonerpyagners, use nongun absorat c 2¹²¹ = 2² cocorum. 1) We esponen or noranuoso

I. (marane $C_{\varepsilon}(I)$, novers $I=\{1,5\}$)
obzonagnium abronoira f b unupuna Queue: $\frac{1}{5} \stackrel{\stackrel{\leftarrow}{=}}{=} 2,9$ $2 \stackrel{\stackrel{\leftarrow}{=}}{=} nava$ $2 \stackrel{\stackrel{\leftarrow}{=}}{=} nava$ $2 \stackrel{\stackrel{\leftarrow}{=}}{=} nava$ 4 Es nara II. Hiege normen og ogninen og \$1,2,4,53 c syndaira = : 1 = 1 21=> muser > Topone Ce (213): 21=> muser > Ce(113) = 25, muser > 21,2,4 21,2,43 41= muege 4 => usma 31 mules Tonyourre notes charame 21,2,43 =>
appalane so 6 naplasa nanona na III. Præge uge garnen or \$1,2,4,53 c \(\frac{1}{2} \): 1 $\stackrel{\triangle}{A}$ $\stackrel{$ 3 = nava 6 = 5 4 512 6 242,3,4,63 c-e 21,2,3,4,63 Tongeneue notes B 15 places unous gobre 10 40gra 2000

W. Hoge onnere on {1,2,4} c a: 1 | 1 | = | (313) = {1,2,43} 213 minutel | | Be te 10 a marce 6 vabor years 413 minutel J. 1568 amore or 21,2,43 c 2: 11) => (= (=1,33) = =1,2,3,43 21 3) | Holo c-e => zosabere ro Ult number | 16 roonungsa ①·OT {1,2,3,4,6} =: = 21,2,43 = 21,2,43| Bere 10 unare =>(21,3,73)={1,2,3,4,73

VIII . Or
$$\frac{1}{1}$$
, $\frac{2}{1}$, $\frac{3}{1}$, $\frac{3}{1}$ = $\frac{2}{1}$, $\frac{1}{2}$, $\frac{3}{1}$ = $\frac{2}{1}$, $\frac{1}{2}$, $\frac{3}{1}$ = $\frac{2}{1}$, $\frac{1}{2}$, $\frac{3}{1}$ = $\frac{1}{2}$, $\frac{3}{2}$ = $\frac{1}{2}$ = $\frac{1}$





Munn nu zayne det: Derephunnpanner soianen absonar A=(0, 993, 15)nepwære numnanen \Longrightarrow 20 been gerephunnpan
soianen absonar $B=(Q', 2903, \Delta', F')$ e bapno, re auo L(A)=L(B) 200 1915191 def: Hera $A = (Q, I, \Lambda, F)$ e upaen absorats u $q \in Q$. To salve $L(Q, 2q^2, \Delta, F)$ - green eyen $L(Q) = L(Q, I, \Delta, 2q^2)$ - nab ayen $L(Q) = L(Q, I, \Delta, 2q^2)$ TBBPseme A=(Q,1,A,F) e numrenen A=(Q,1,A,F) e numrenen A=(Q,1,A,F) e A=(Q,1) A=(Q,1)Brozn engrañ 2(qa) + 2(q2) (91) = 2(92) My momen 89 (4 conserve begra

Donen bane na gesephinn pari alssomar es Antopotion ot 30 mum mura que, noi 10 op novamen posoin Bopzy gesephumpann m Tosanm alsonaty. Dobalare robo donvirulons récosame, usu voiss apparen recogn or bourner crespanne, or nous urrare upersogn c gazenn by chen. Harpar npalonn npunka na rolea consame yarana aggysa. Tome P. Josanen: He e rosaneu:

Arropuson za munumuzacyna Hera $A=(Q, 2903, \Delta, F)$ e geseprumpan a rosanen absonat, za voiso e un connens (YqEQ)[] III-nos BA or qo go q]
The uzzoea uze nongrum gerephumpan, rosanen
m num nanen altropat Browsbire L(B)=L(A) In. F= \$ => L(1)=\$ B: \$ (5) a 6] II or. Q=F \(\) L(1) = \(\) \\(\) 32 Ha e Z gedonneparie vi, a pen: q'~i,a q" (q',a)~i, \(\q',a) Torolog veron vivi=vin (nez) yeur m=m:> sil~;=~;+23 u~=~m 700000 B=(2693~196Q3,26907~3, SB,2697~196F3) $2^{3}: 3/\sim \times 2^{3} \rightarrow 3/\sim$ 5, ([q]~,a) = [S(q,a)]~

se oneque a Munumuzupaa or naranus? I. Hanneme négosimmennée 6 muguna

