Division-without '/'

Division-without '/'

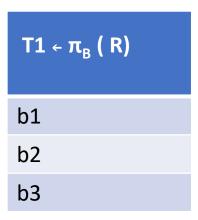
- R(A,B) and S(A)
- we need to divide R with S

- T1 $\leftarrow \pi_B (R)$
- T2 $\leftarrow \pi_B$ (s \times T1-R)
- Result ← T1-T2

T1
$$\leftarrow \pi_B$$
 (R)
T2 $\leftarrow \pi_B$ (s×T1)-R Result \leftarrow T1-T2

R	
Α	В
a1	b1
a1	b2
a2	b1
a1	b3
a2	b3

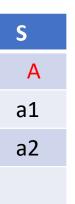
S
Α
a1
a2



$$T1 \leftarrow \pi_B (R)$$

 $T2 \leftarrow \pi_B (s \times T1) - R$ Result $\leftarrow T1 - T2$

R	
Α	В
a1	b1
a1	b2
a2	b1
a1	b3
a2	b3



T1 ← π _B (R)
b1
b2
b3

sx	Γ1
Α	В
a1	b1
a1	b2
a1	b3
a2	b1
a2	b2
a2	b3

T1
$$\leftarrow \pi_B$$
 (R)
T2 $\leftarrow \pi_B$ (s×T1)-R Result \leftarrow T1-T2

R	
Α	В
a1	b1
a1	b2
a2	b1
a1	b3
a2	b3

S	
Α	
a1	
a2	

T1 ← π _B (R)
b1
b2
b3

sx ⁻	Γ1
Α	В
a1	b1
a1	b2
a1	b3
a2	b1
a2	b2
a2	b3

	s×T1-R	
Α	В	
a2	b2	

T1
$$\leftarrow \pi_B$$
 (R)
T2 $\leftarrow \pi_B$ (s×T1)-R Result \leftarrow T1-T2

R	
Α	В
a1	b1
a1	b2
a2	b1
a1	b3
a2	b3

S
Α
a1
a2

T1 ← π _B (R)	
b1	
b2	
b3	

s×T1		
В		
b1		
b2		
b3		
b1		
b2		
b3		

s×T1-R		
Α	В	
a2	b2	

T2
$$\leftarrow \pi_B$$
 ((s×T1)-R)

T1
$$\leftarrow \pi_B$$
 (R)
T2 $\leftarrow \pi_B$ (s×T1)-R Result \leftarrow T1-T2

R	
Α	В
a1	b1
a1	b2
a2	b1
a1	b3
a2	b3

S
Α
a1
a2

T1 ← π _B (R)	
b1	
b2	
b3	

s×T1		
В		
b1		
b2		
b3		
b1		
b2		
b3		

s×T1-R		
Α	В	
a2	b2	

T2
$$\leftarrow \pi_B$$
 ((s×T1)-R)

T1
$$\leftarrow \pi_B$$
 (R)
T2 $\leftarrow \pi_B$ (s×T1)-R Result \leftarrow T1-T2

R	
A	В
a1	b1
a1	b2
a2	b1
a1	b3
a2	b3

S
Α
a1
a2

T1 ← π _B (R)
b1
b2
b3

s×T1		
Α	В	
a1	b1	
a1	b2	
a1	b3	
a2	b1	
a2	b2	
a2	b3	

s×T1-R				
А	В			
a2	b2			

T2
$$\leftarrow \pi_B$$
 ((s×T1)-R)

Result ←	T1-T2
b1	
b3	