

11a) 2 1 7 8 5 4 3 1

2 7 8 5 3 2 1 1

7 8 5 4 3 2 1 1

8 7 5 4 3 2 1 1

b)

$n_1$  [2 | 1 | 7 | 8]

1

↓

[2 | 1] [7 | 8]

2 [1] [7] [8]

3 [1] [7] [8]

4 [1] [7] [8]

5 [1] [7] [8]

$n_2$  [5 | 4 | 3 | 1]

↓

↓

[5 | 4] [3 | 1]

6 [5] [4] [3] [1]

7 [5] [4] [3] [1]

8 [5] [4] [3] [1]

passiert eigentlich  
nicht, dient nur  
zur Veranschaulichung

[8 | 7 | 5 | 4 | 3 | 2 | 1 | 1]

c) Pivot  $i$   $i$   $j+1$

1 2

7 7 7 8 5 4 3 2

7) c) 2 1 7 8 5 4 3 1  
1 1 7 8 5 4 3 2  
1 1 2 8 5 4 3 7  
1 1 2 5 4 3 7 8  
1 1 2 3 4 5 7 8