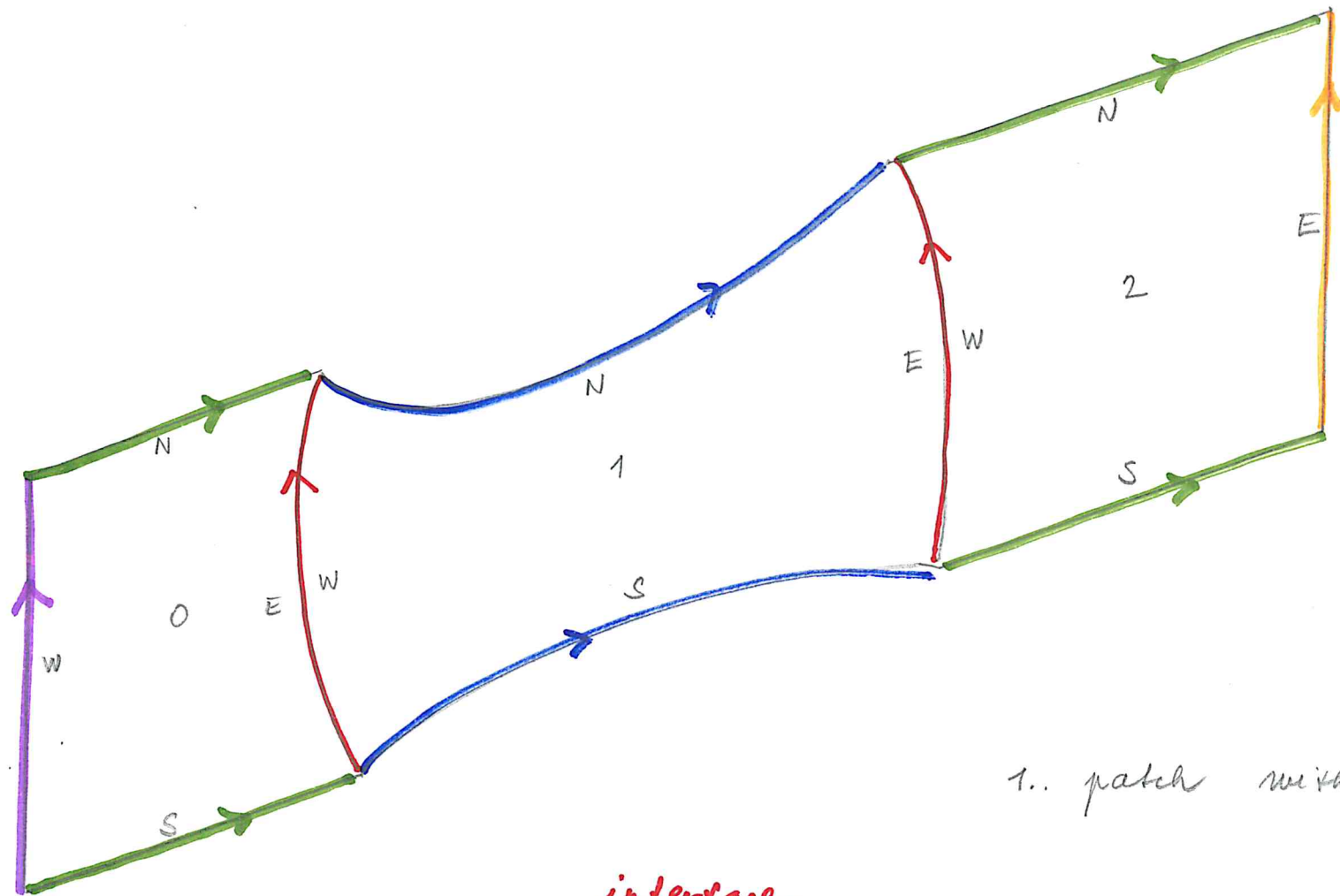


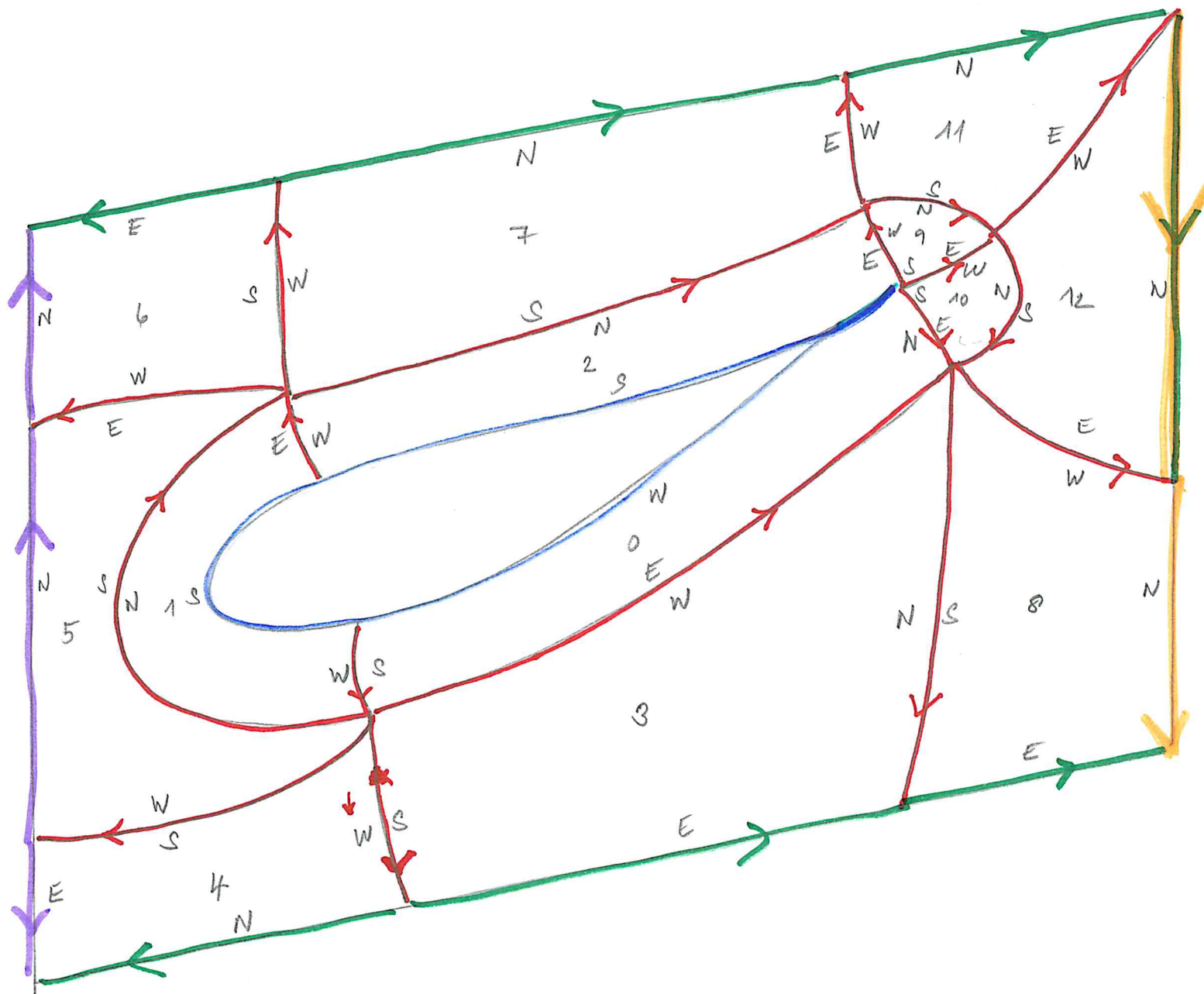
- ✓ SIT<sup>v</sup> 0 (Domain Between Blade Profiles Uniform Flow) → periodic inlet
- SIT<sup>v</sup> 1 (Domain Between Blade Profile 1)



1.. patch with profile

interface  
wall  
periodic  
input  
output

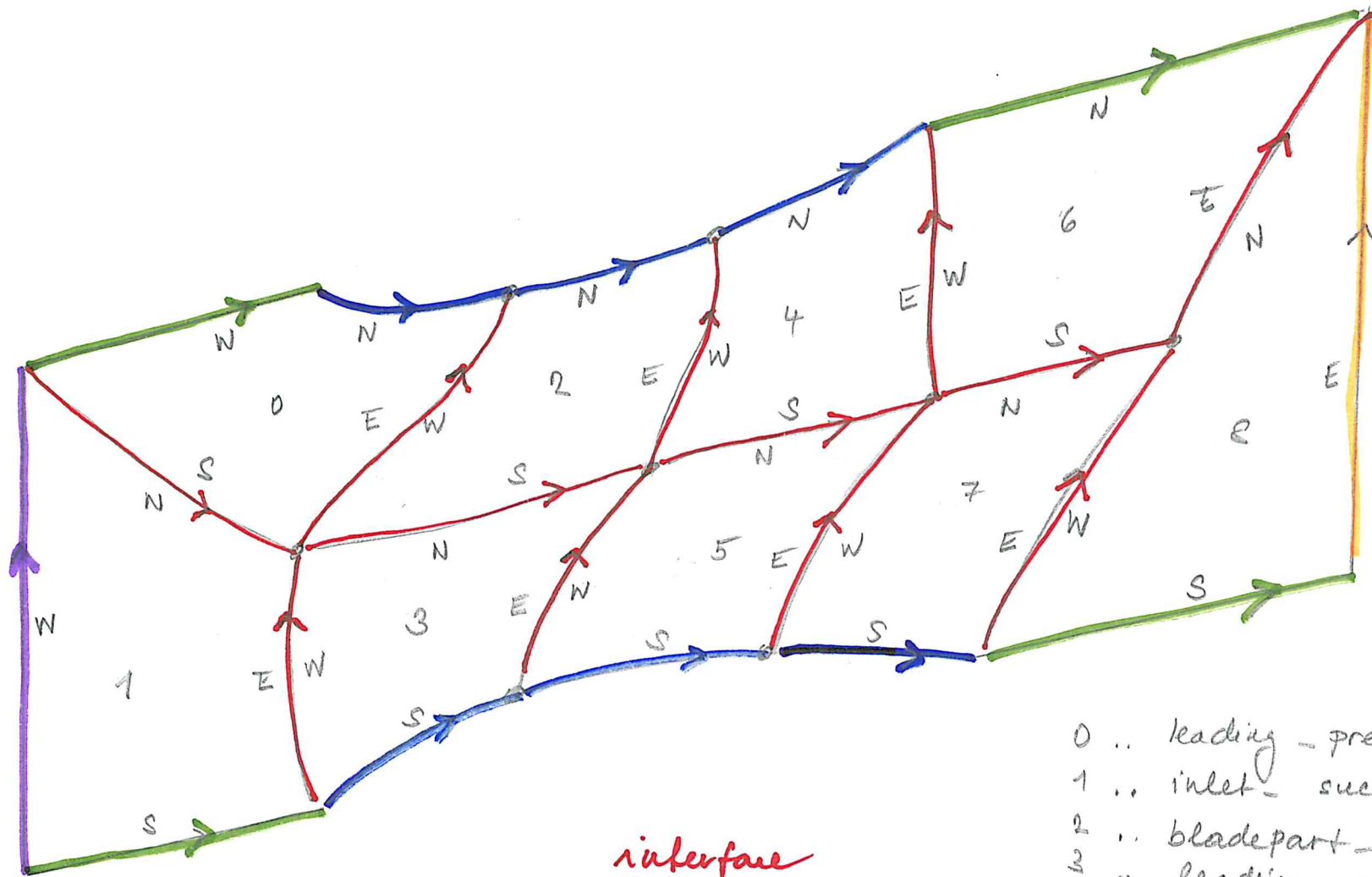
# SIT 2 (Domain Around Blade Profile 2)



interface  
wall  
periodic  
input  
output

- 0 patch 1
- 1 patch 2
- 2 patch 3
- 3 patch 4
- 4 patch 5
- 5 patch 6
- 6 patch 7
- 7 patch 8
- 8 patch 9
- 9 patch 10
- 10 patch 11
- 11 patch 12
- 12 patch 13

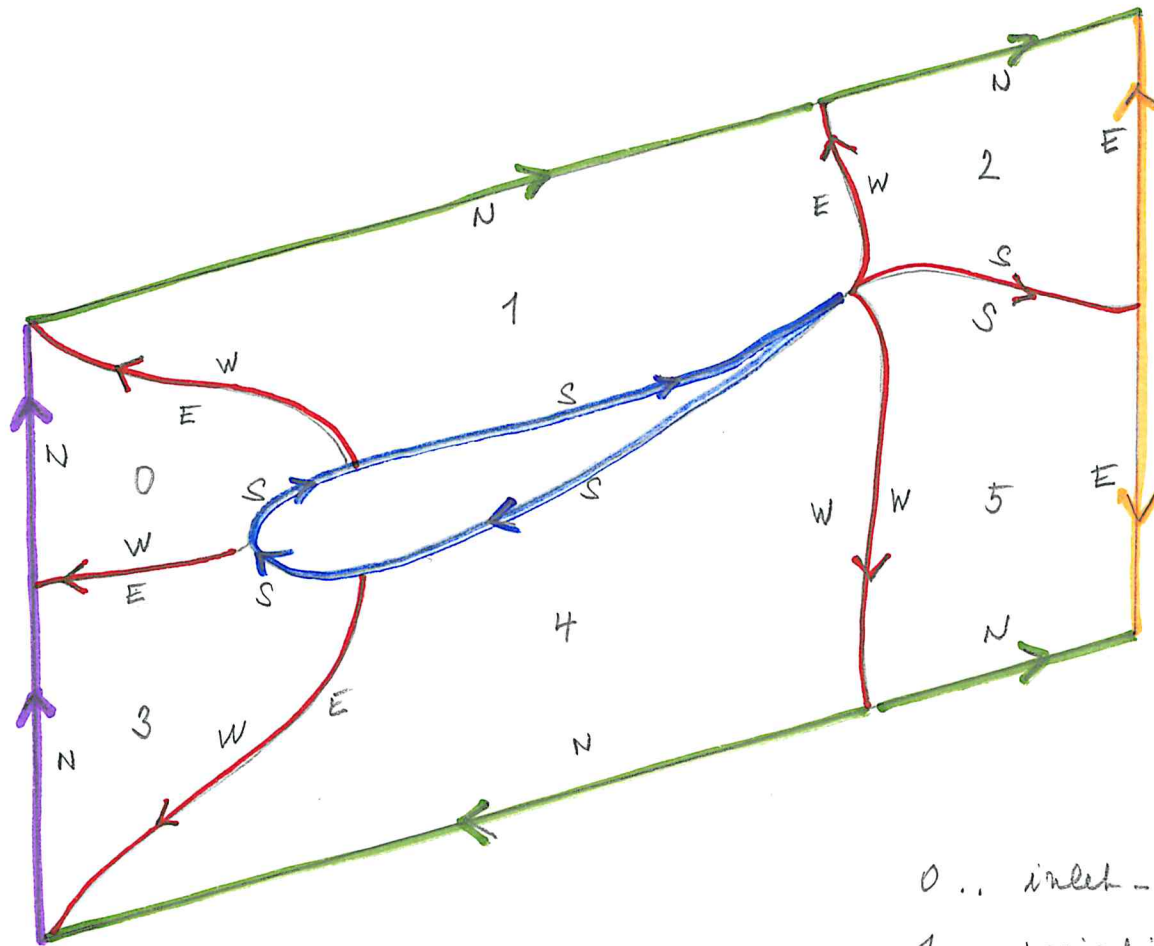
# S17V 3 (Domain Between Blade Profiles 3)



interface  
wall  
periodic  
input  
output

- 0 .. leading - pressure
- 1 .. inlet - suction
- 2 .. blade part - pressure
- 3 .. leading - suction
- 4 .. trailing - pressure
- 5 .. blade part - suction
- 6 .. outlet - pressure
- 7 .. trailing - suction
- 8 .. outlet

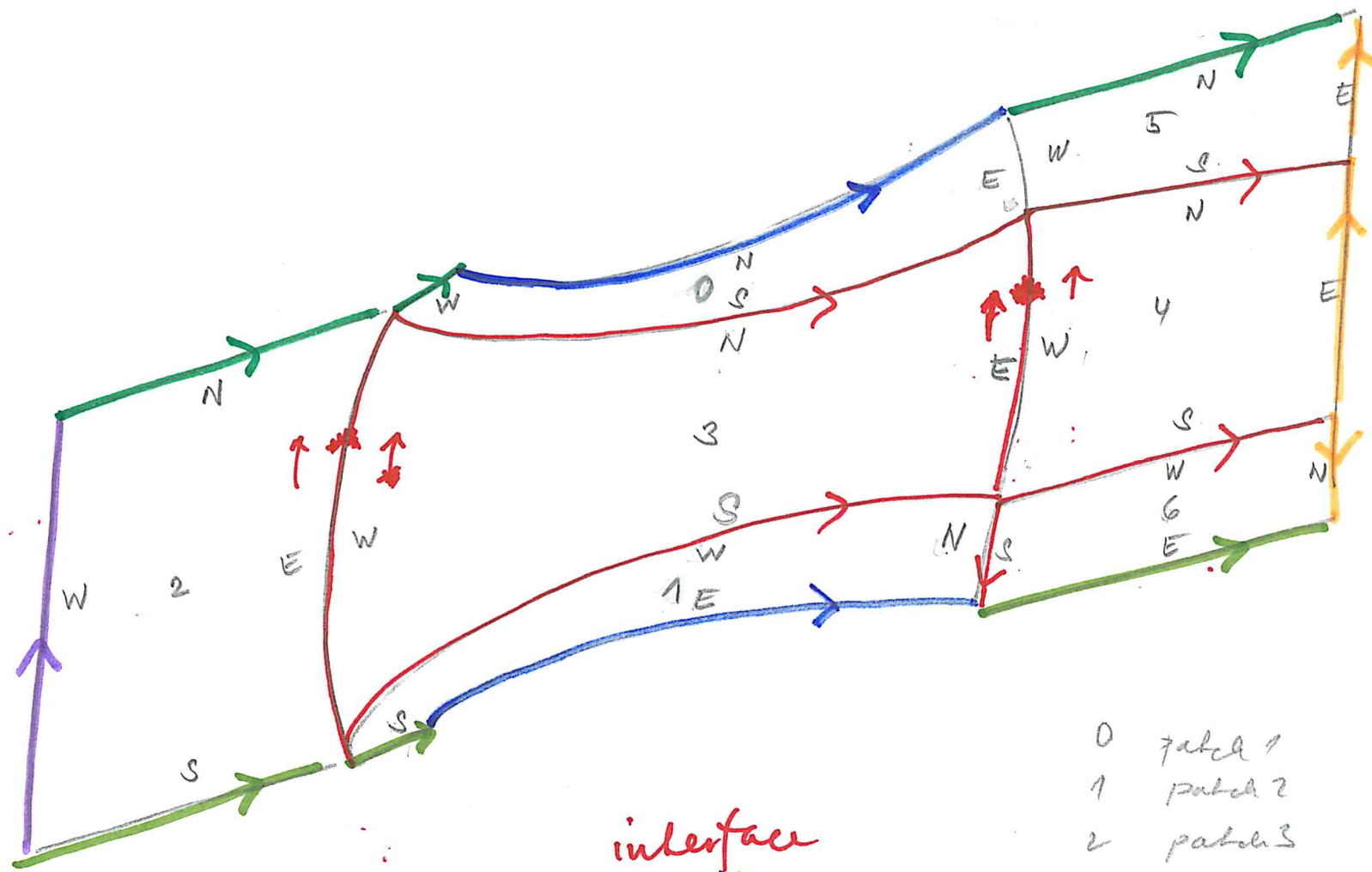
# slit 4 (Domain Around Blade Profile 4)



interface  
wall  
periodic  
input  
output

- 0 .. inlet - suction
- 1 .. periodic - suction
- 2 .. outlet - suction
- 3 .. inlet - pressure
- 4 .. periodic - pressure
- 5 .. outlet - pressure

SIT 5 (Domain Between Blade Profiles)



interface  
wall  
inlet  
output  
periodic

- 0 patch 1
- 1 patch 2
- 2 patch 3
- 3 patch 4
- 4 patch 5
- 5 patch 6
- 6 patch 2