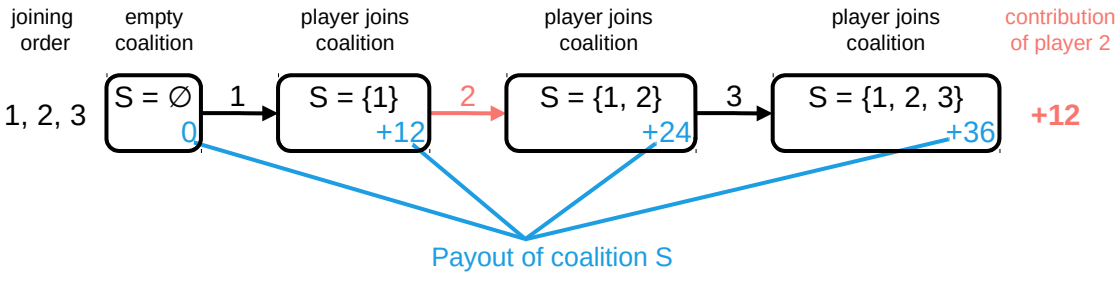
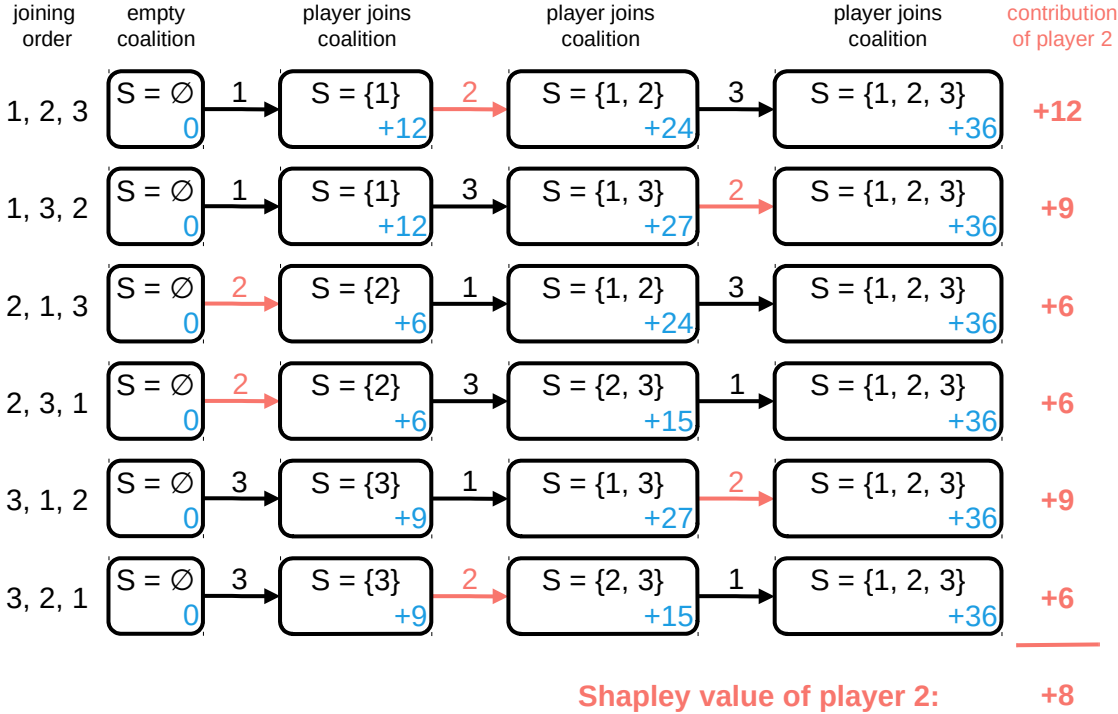
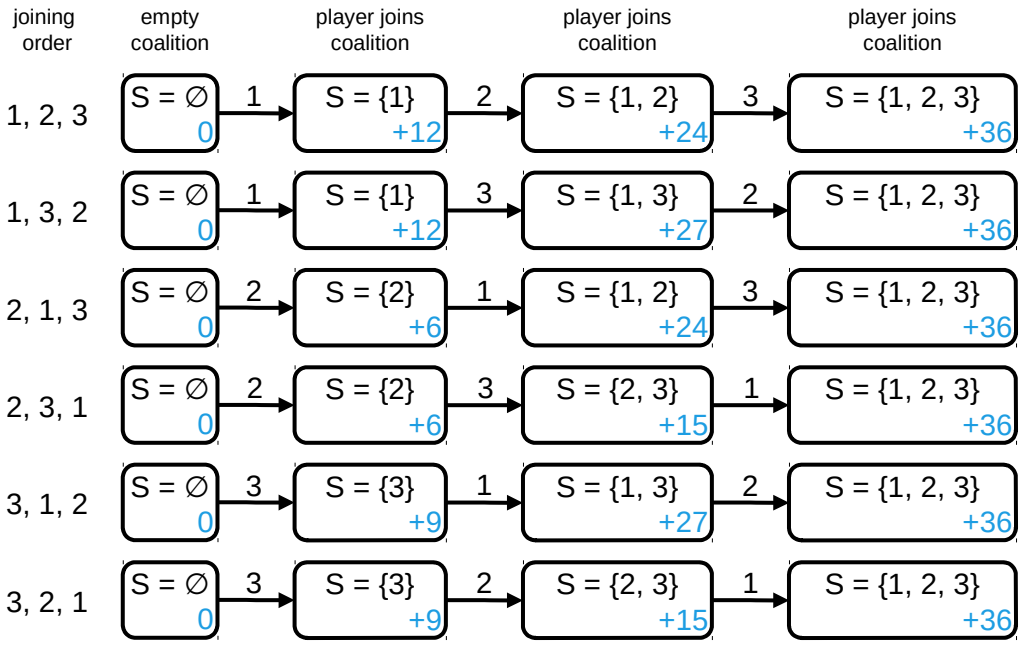

joining order
empty coalition
player joins coalition
player joins coalition
player joins coalition
contribution of player 2
1, 2, 3
S = ∅
0
1
S = {1}
+12
2
S = {1, 2}
+24
3
S = {1, 2, 3}
+36
+12
Payout of coalition S


joining order
empty coalition
player joins coalition
player joins coalition
player joins coalition
contribution of player 2
1, 2, 3
S = ∅ 0
1
S = {1} +12
2
S = {1, 2} +24
3
S = {1, 2, 3} +36
+12
1, 3, 2
S = ∅ 0
1
S = {1} +12
3
S = {1, 3} +27
2
S = {1, 2, 3} +36
+9
2, 1, 3
S = ∅ 0
2
S = {2} +6
1
S = {1, 2} +24
3
S = {1, 2, 3} +36
+6
2, 3, 1
S = ∅ 0
2
S = {2} +6
3
S = {2, 3} +15
1
S = {1, 2, 3} +36
+6
3, 1, 2
S = ∅ 0
3
S = {3} +9
1
S = {1, 3} +27
2
S = {1, 2, 3} +36
+9
3, 2, 1
S = ∅ 0
3
S = {3} +9
2
S = {2, 3} +15
1
S = {1, 2, 3} +36
+6
Shapley value of player 2:
+8


joining order
empty coalition
player joins coalition
player joins coalition
player joins coalition
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S = ∅
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S = {1}
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S = {1, 2}
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S = {1, 2, 3}
+36
1, 3, 2
S = ∅
0
1
S = {1}
+12
3
S = {1, 3}
+27
2
S = {1, 2, 3}
+36
2, 1, 3
S = ∅
0
2
S = {2}
+6
1
S = {1, 2}
+24
3
S = {1, 2, 3}
+36
2, 3, 1
S = ∅
0
2
S = {2}
+6
3
S = {2, 3}
+15
1
S = {1, 2, 3}
+36
3, 1, 2
S = ∅
0
3
S = {3}
+9
1
S = {1, 3}
+27
2
S = {1, 2, 3}
+36
3, 2, 1
S = ∅
0
3
S = {3}
+9
2
S = {2, 3}
+15
1
S = {1, 2, 3}
+36

$$\boldsymbol{x}_S^{(i)} \quad \boldsymbol{x}_j^{(i)} \quad \boldsymbol{x}_{P\setminus S}^{(i)}$$

$$\boldsymbol{x}_S^{(i)} \quad \boldsymbol{x}_j^{(i)} \quad \boldsymbol{x}_{P\setminus S}^{(i)}$$