

```
lhs = R1[1, j, k] + R1[1, i, k+] + R1[1, i+, j+] //.  
+ gRules1,j,k ∪ gRules1,i,k+ ∪ gRules1,i+,j+;  
  
rhs = R1[1, i, j] + R1[1, i+, k] + R1[1, j+, k+] //.  
+ gRules1,i,j ∪ gRules1,i+,k ∪ gRules1,j+,k+;  
  
Simplify[lhs == rhs]
```