

Users' CSI

```
graph LR; A[Users' CSI] --> B[Low channel similarity-based user grouping  
Assign users with near-orthogonal channels  
into one group with determinant pairing  
algorithm [19]-[21] or pairwise channel  
correlation [22][23]]
```

Low channel similarity-based user grouping

Assign users with near-orthogonal channels into one group with determinant pairing algorithm [19]-[21] or pairwise channel correlation [22][23]