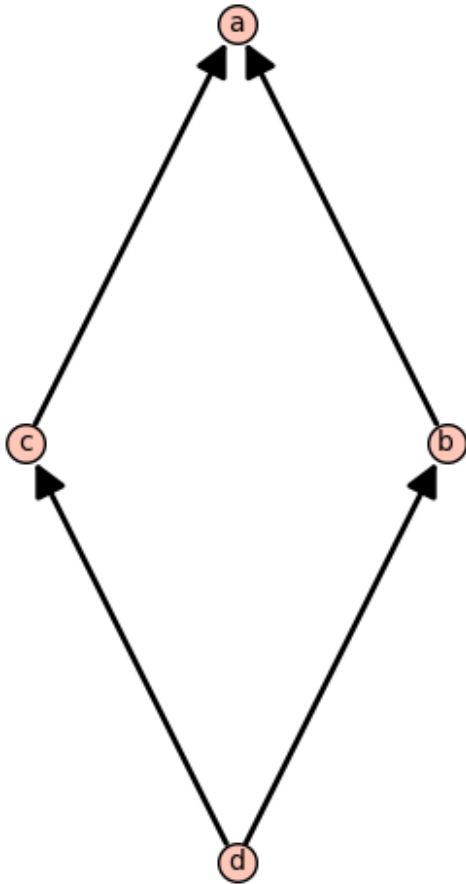```
P = Poset({ 'a': [], 'b': ['a'], 'c': ['a'], 'd': ['b', 'c'] })
P.show()
covering_set = P.cover_relations()
print("The covering set is:", covering_set)
```



```
The covering set is: [['d', 'c'], ['d', 'b'], ['c', 'a'], ['b', 'a']]
```