


```

[[[1, 2, 3], [1, 3, 2], [1, 2, 3]], [[1, 3, 2], [1, 2, 3], [1, 2, 3]], [[1, 2, 3], [1, 2, 3], [1, 2, 3]]]
> for i to nops(e) do
  f[i]:=permute(op(i,e));
end do;
> #print(f);
> g:=convert(f,'list');
g := [[[[1, 2, 3], [1, 3, 2], [1, 2, 3]], [[1, 2, 3], [1, 2, 3], [1, 3, 2]], [[1, 3, 2], [1, 2, 3], [1, 2, 3]]],
      [[1, 3, 2], [1, 2, 3], [1, 2, 3]], [[1, 2, 3], [1, 3, 2], [1, 2, 3]], [[1, 2, 3], [1, 2, 3], [1, 3, 2]]],
      [[1, 2, 3], [1, 2, 3], [1, 2, 3]]]
> n := 1;
for i to nops(e) do
  zaehler1 := 1;
  zaehler2 := 1;
  for j from i + 1 to nops(g) do
    for k to nops(g[j]) do
      if e[i] = op(k,g[j])
        then v:= true;
        else zaehler1 := zaehler1 + 1;
             v := false;
        end if;
      zaehler2 := zaehler2 + 1;
      print(i,j,k,e[i], op(k,g[j]),v,zaehler1, zaehler2);
    end do;
  end do;
  print(zaehler1, zaehler2);
  if zaehler1 = zaehler2
    then loesung[n] := e[i];
    n := n + 1;
  else;
  end if;
end do;
#loesung[n] := e[nops(e)];

      n := 1
      zaehler1 := 1
      zaehler2 := 1
1, 2, 1, [[1, 2, 3], [1, 3, 2], [1, 2, 3]], [[1, 3, 2], [1, 2, 3], [1, 2, 3]], false, 2, 2
1, 2, 2, [[1, 2, 3], [1, 3, 2], [1, 2, 3]], [[1, 2, 3], [1, 3, 2], [1, 2, 3]], true, 2, 3
1, 2, 3, [[1, 2, 3], [1, 3, 2], [1, 2, 3]], [[1, 2, 3], [1, 2, 3], [1, 3, 2]], false, 3, 4
1, 3, 1, [[1, 2, 3], [1, 3, 2], [1, 2, 3]], [[1, 2, 3], [1, 2, 3], [1, 2, 3]], false, 4, 5
      4, 5
      zaehler1 := 1
      zaehler2 := 1
2, 3, 1, [[1, 3, 2], [1, 2, 3], [1, 2, 3]], [[1, 2, 3], [1, 2, 3], [1, 2, 3]], false, 2, 2
      2, 2
      zaehler1 := 1
      zaehler2 := 1
      1, 1

```

```
[ >
[ >
[ > print(loesung);
      table(l = [[1, 3, 2], [1, 2, 3], [1, 2, 3]], 2 = [[1, 2, 3], [1, 2, 3], [1, 2, 3]])
[ >
[ > h:=convert(loesung, 'list');
      h := [[[1, 3, 2], [1, 2, 3], [1, 2, 3]], [[1, 2, 3], [1, 2, 3], [1, 2, 3]]]
[ >
[
[ >
[ >
```