

## 1 正多面体的外接球

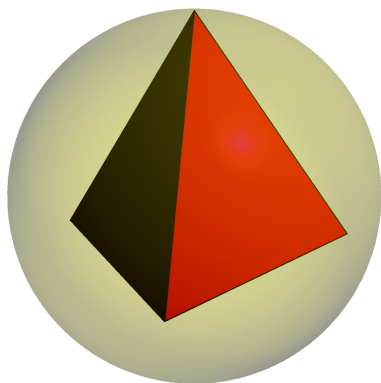


图 1：正四面体的外接球

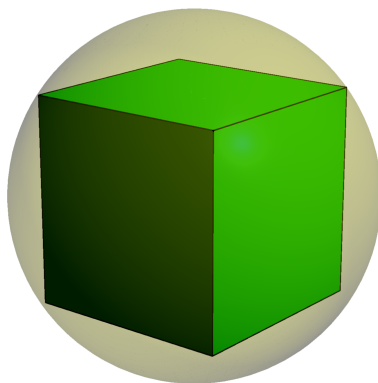


图 2：正方体的外接球

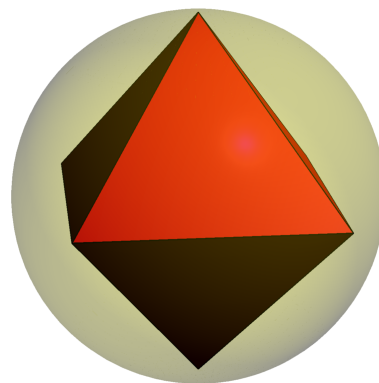


图 3：正八面体的外接球

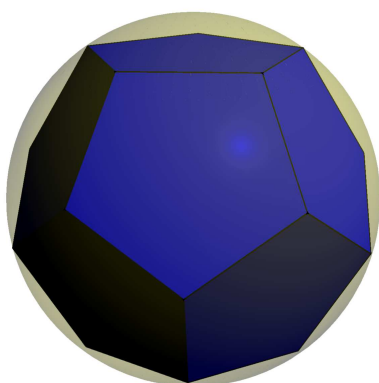


图 4：正十二面体的外接球

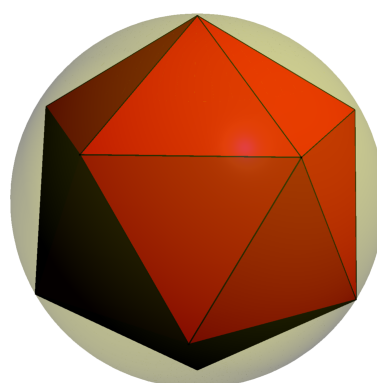


图 5：正二十体的外接球

## 2 正多面体的内棱切球

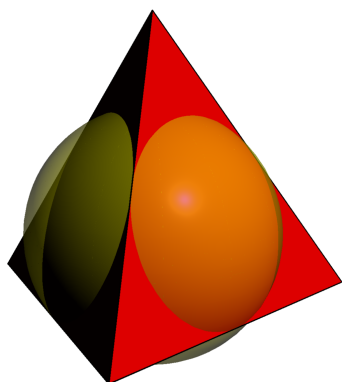


图 6：正四面体的内棱切球

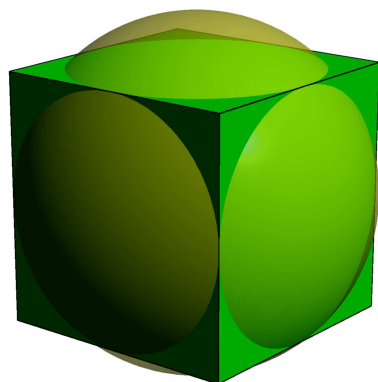


图 7：正方体的内棱切球

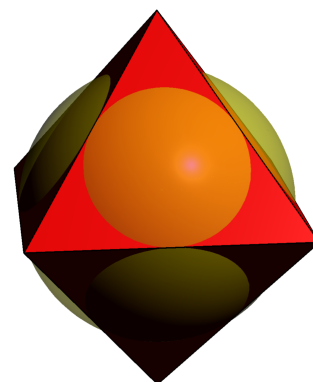


图 8：正八面体的内棱切球

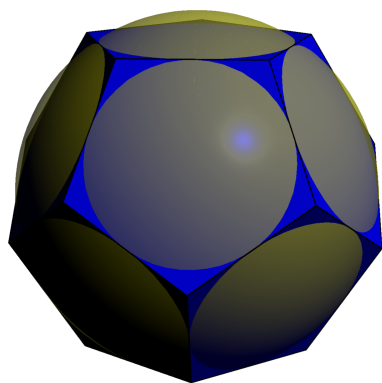


图 9：正十二面体的内棱切球

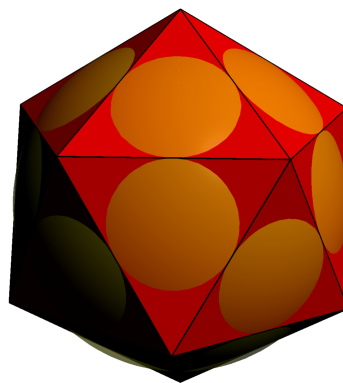


图 10：正二十体的内棱切球

### 3 正多面体的内切球

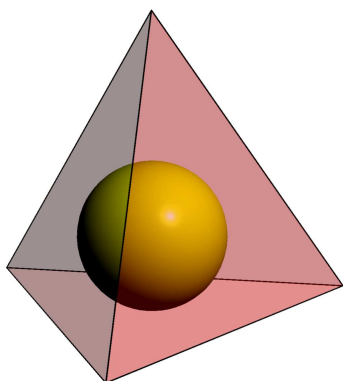


图 11：正四面体的内切球

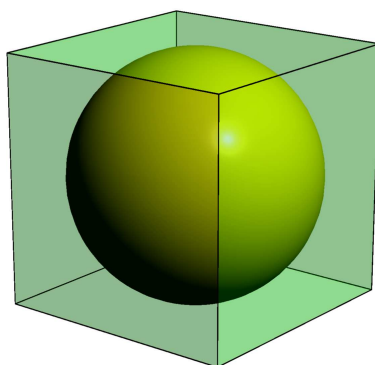


图 12：正方体的内切球

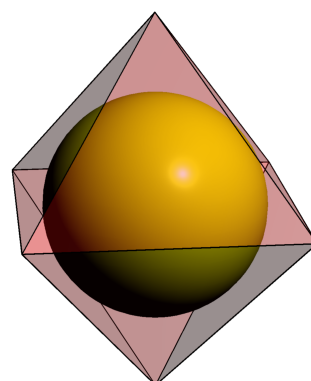


图 13：正八面体的内切球

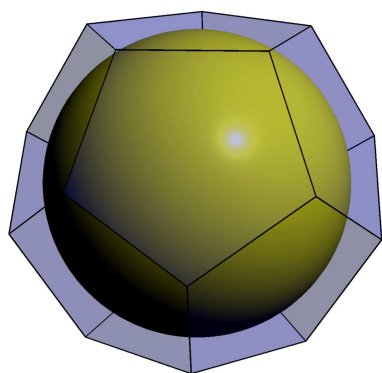


图 14：正十二面体的内切球

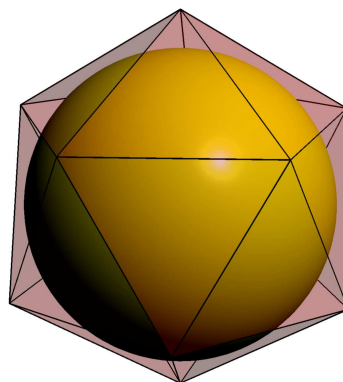


图 15：正二十体的内切球

## 4 正多面体的互容

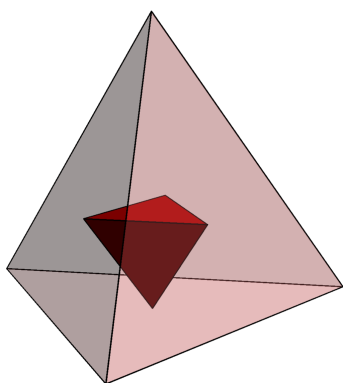


图 16: 4(4)

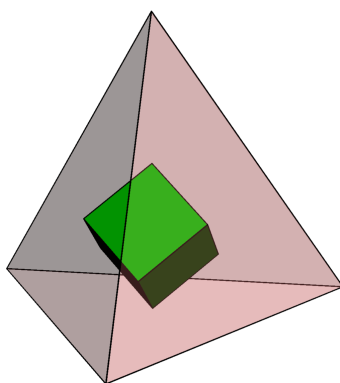


图 17: 4(6)

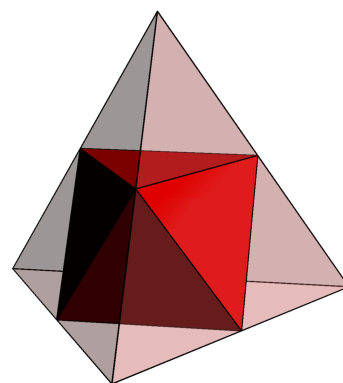


图 18: 4(8)

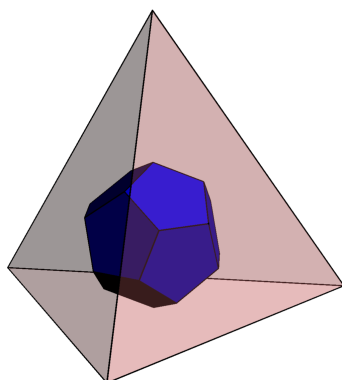


图 19: 4(12)

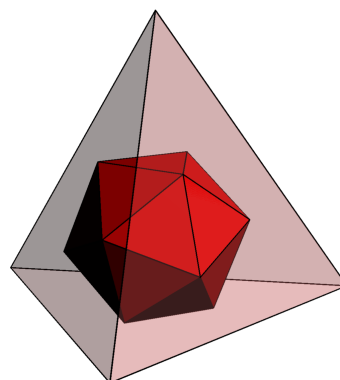


图 20: 4(20)

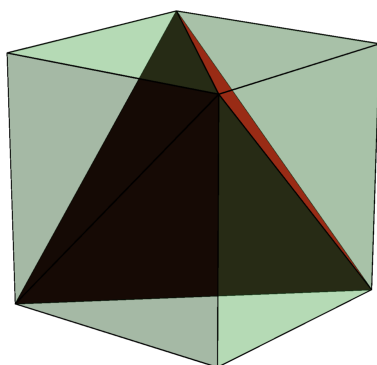


图 21: 6(4)

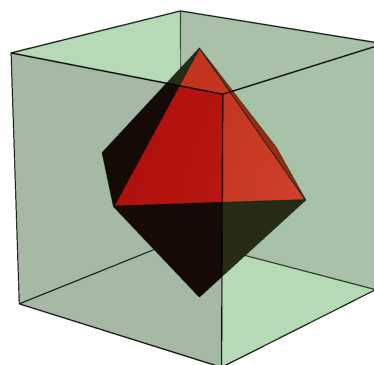


图 22: 6(8)

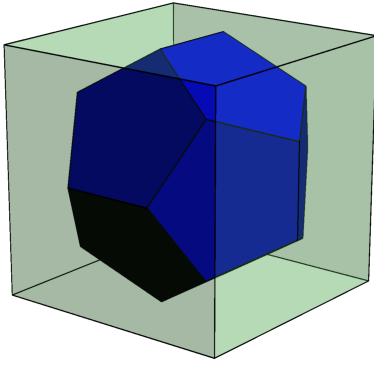


图 23: 6(12)

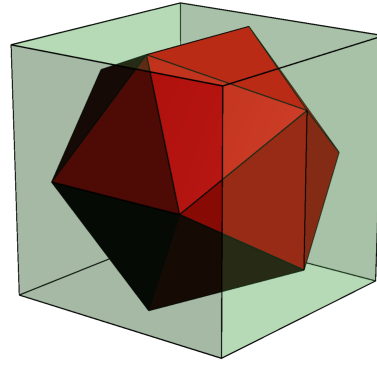


图 24: 6(20)

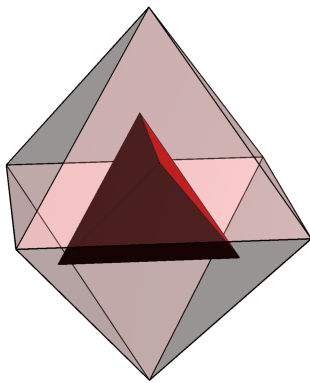


图 25: 8(4)

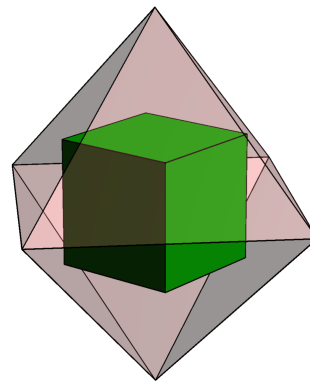


图 26: 8(6)

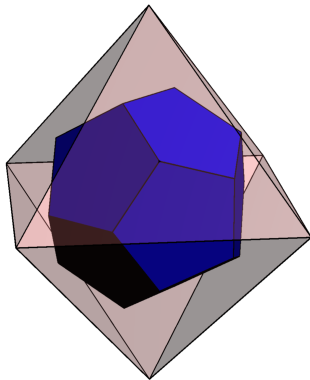


图 27: 8(12)

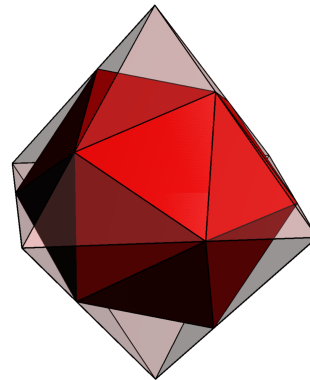


图 28: 8(20)

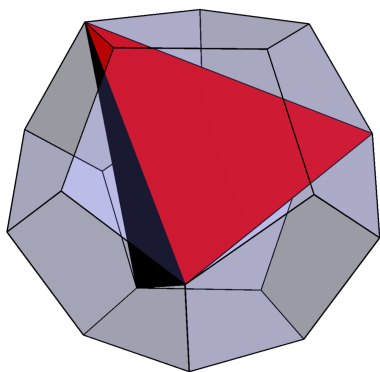


图 29: 12(4)

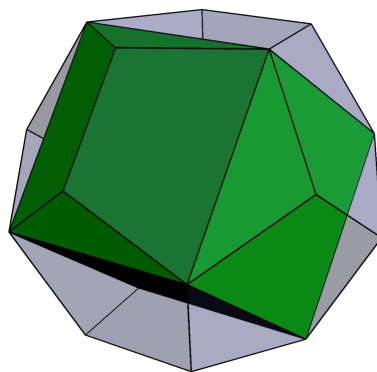


图 30: 12(6)

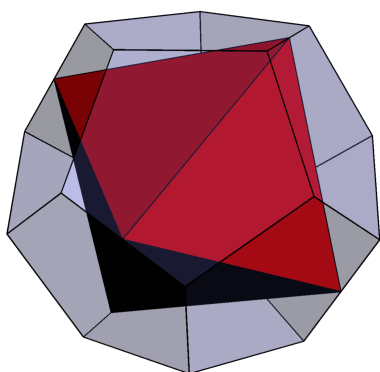


图 31: 12(8)

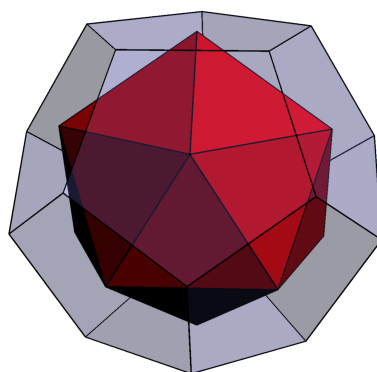


图 32: 12(20)

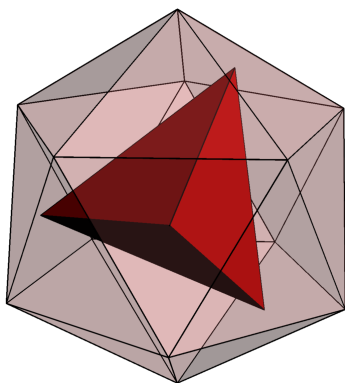


图 33: 20(4)

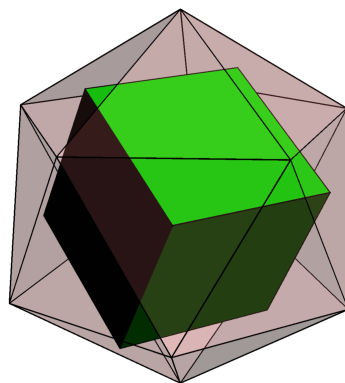


图 34: 20(6)

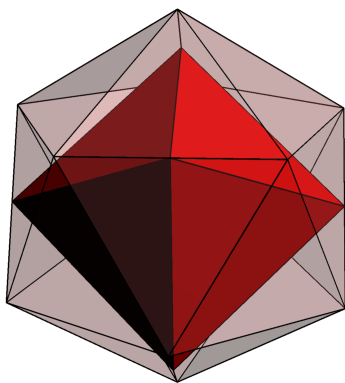


图 35: 20(8)

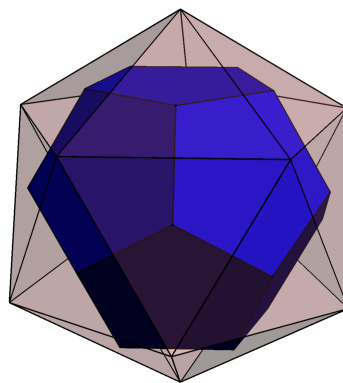


图 36: 20(12)