Chapitre 10 – Exercice 102
Trafic aérien

Avec le logiciel Xcasfr en mode Geo :

```
1 D1:=droite([3+a,9+3*a,2],a)
  pnt(pnt[line[point[3,9,2],point[4,12,2]],0,"D1"])
2 D2:=droite([1/2+2*b,4+b,4-b],b)
  pnt(pnt[line[point[1/2,4,4],point[1/2+2,5,3]],0,"D2"])
3 S:=point([3,4,1/10])
  pnt(pnt[point[3,4,1/10],0,"S"])
4 P1:=plan(S,D1)
  pnt(pnt[hyperplan([-57/10,19/10,-5],point[3,4,1/10]),0,"P1"])
5 P2:=plan(S,D2)
  pnt(pnt[hyperplan([-39/10,53/10,-5/2],point[3,4,1/10]),0,"P2"])
6 (R):=inter(P1,P2)
  [pnt(pnt[line[point[3,4,1/10],point[99/4,37/4,-227/10]],0,"R"])]
7 A:=inter((R),D1)
  [pnt(pnt[point[19/16,57/16,2],0,"A"])]
8 B:=inter(((R),D2)
  [pnt(pnt[point[-11/6,17/6,31/6],0,"B"])]
```