

Chapitre 10 – exercice 54

1	d1:=droite([1+t,2-t,-1+2*t],t)
	pnt(pnt[line[point[1,2,-1],point[2,1,1]],0,"d1"]])
2	d2:=droite([2+t,-2*t,4+5*t],t)
	pnt(pnt[line[point[2,0,4],point[3,-2,9]],0,"d2"]])
3	est_parallel(d1,d2)
	0
4	est_coplanaire(d1,d2)
	1
5	inter(d1,d2)
	[pnt(pnt[point[1,2,-1],0])]
6	d3:=droite([1+2*t,7+t,3+t],t)
	pnt(pnt[line[point[1,7,3],point[3,8,4]],0,"d3"]])
7	est_parallel(d1,d3)
	0
8	est_coplanaire(d1,d3)
	0
9	d4:=droite([3+2*t,1-2*t,-1+4*t],t)
	pnt(pnt[line[point[3,1,-1],point[5,-1,3]],0,"d4"]])
10	est_parallel(d1,d4)
	1
11	est_aligne([1,2,-1],[2,1,1],[3,1,-1])
	0