

## Chapitre 11 – exercice 68

### Copie d'écran Xcas en mode Geo 3d

|   |  |
|---|--|
| 1 | <code>P1:=plan(2x+y+2z+1=0)</code>                               |
|   | <code>pnt(pnt[hyperplan([2,1,2],point[0,0,-1/2]),0,"P1"])</code> |
| 2 | <code>P2:=plan(x-2y+6z=0)</code>                                 |
|   | <code>pnt(pnt[hyperplan([1,-2,6],point[0,0,0]),0,"P2"])</code>   |
| 3 | <code>est_parallele(P1,P2)</code>                                |
|   | <code>0</code>   |
| 4 | <code>resoudre([2x+y+2z+1=0,x-2y+6z=0],[x,y,z])</code>           |
|   | <code>[[x,-1/5*(5*x+3),(5*-1/5*(5*x+3)+1)/10]]</code>            |
| 5 | <code>simplifier(ans())</code>                                   |
|   | <code>[[x,(-5*x-3)/5,(-5*x-2)/10]]</code>                        |
| 6 | <code>resoudre([2x+y+2z+1=0,x-2y+6z=0],[y,x,z])</code>           |
|   | <code>[[y,1/5*(-5*y-3),(-5*1/5*(-5*y-3)-2)/10]]</code>           |
| 7 | <code>simplifier(ans())</code>                                   |
|   | <code>[[y,(-5*y-3)/5,(5*y+1)/10]]</code>                         |
| 8 | <code>resoudre([2x+y+2z+1=0,x-2y+6z=0],[z,x,y])</code>           |
|   | <code>[[z,-1/5*(10*z+2),(5*-1/5*(10*z+2)+3)/-5]]</code>          |
| 9 | <code>simplifier(ans())</code>                                   |
|   | <code>[[z,(-10*z-2)/5,(10*z-1)/5]]</code>                        |