(5-) (c)  $H_3 = \int (x,y,z)/2x - y + z = 0$ y = 2x + z

Per taut els elements de H3 son de la forma:

(x,y,z) = (x,2x+2,z) = x(1,2,0)+z(0,1,1)

Per taut tot element de H3 es combinació lineal de (1,2,0) i (0,1,1) i son un sistema generador de H3. Ademés son llivres, per taut H3=((1,2,0,(0)1,1))

Base de H3.

(d)  $H_4 = \int (x_1y_1z)/x + y + z = 0$ , x - z = 0, y + z = 0 Terum que x = z i y = -z, per taut segons la primera equalió, z - z + z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0 o z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0 o z = 0. Aleshore, z = 0, z = 0 o z = 0 o z = 0. Aleshore center of vector not give es al subespai que nomes.