Thapure b roomparembe. leuxe Danuell 22.05.2020  $N_{123.1}$ . K(4,1,-3) - korugu guamempa L(2,-3,5)Tr-102 Mer-190207 22+42+ 22= 02 - capepa. (x-xo)2+ (y-yo)2+ (z-zo)2= a2 - colonyman apepa c yentpour 01 rc[=(-2,-4,8) \(\theta'(x\_0, y\_0, \fo) = (3,-1, 1) - yeurs coperal 2 = 184 = 121 - paguyc. (2-3)2+(y+1)2+ (2-1)2-21 22+y2+ 22-6x+2y-22-10=0 a (2,3,-4) namp: [x2,y2=3, Nyons 12 5- yeureregp. nobeprisons c rapp, la ospazyjoy MES, M(xo, yo, Zo) - npourb. Toreco. - une , commenperment à. nyoms la ospanyougous, no regenyar repez M Rapauremp, yp-un pauloi la mueron buy: {realized got M repecererun la Z rogemable  $x = x_0 + z_0 - 1$   $\begin{cases} x = x_0 + z_0 - 1 \\ y \end{cases}$   $\begin{cases} x = x_0 + z_0 - 1 \\ y \end{cases}$  $\int z = x_0 + \partial t$ y=40+3t 2= 20-4F  $y = y_0 + \frac{3}{4}(z_0 - 1)$  responsible by your oxpyriteoung.  $z = \frac{7}{4} - \frac{7}{4} + 1 = 1$  7.k. M' @  $x^2 + y^2 = 9$  $(76 + 20 - 1)^{2} + (40 + \frac{3}{4}(20 - 1))^{2} = 9$   $(76 + 76(20 - 1) + 20 - 276 + 1) + \frac{3}{2}(26 - 1) + \frac{3}{2}(26 -$ + 9 (22-220+1)=9=> 16x2+16y2+132-16x2+24y2+16x-24y-262-131=0



