141

fix) = cosx (nexeza)

f'((05(=1)) = co5'(cos(=1))0/21-

 $\theta = \cos^{-1}\left(\cos\left(\frac{\pi}{n}\right)\right) + 10^{-1}$, $\int_{0}^{\pi} \cos\left(\frac{\pi}{n}\right) = \cos(6)$ $\int_{0}^{\pi} \cos^{-1}\left(\cos\left(\frac{\pi}{n}\right)\right) + 10^{-1}$, $\int_{0}^{\pi} \cos\left(\frac{\pi}{n}\right) = \cos(6)$

 $\frac{9}{\pi} = \frac{13}{7} \pi 014$

 $\pi + \mu + \left(\cos\left(\frac{\pi}{\eta}\right)\right) = \theta = \frac{13}{7}\pi \cdot |c|.$

241

· 2 x2+y2+6x-2y=4 => 2(x+x)2+(y-n2= /3.

· 2 x+y-k=0 => y=-2x+k. 0/2 =+2+2+2450/ 당이 풀다.

2 (x+z)2+ (-2x++1)2=13. 27nstzt.

2 (x7+4x44) + 4x7+ k7+1-4kx-2k+4x=13. 2014

297848+4×2 6271-468 (-26)+48-13)=0.

692+2(6-9k) 8+ 2-2k-4=0 olan 344/2 424.

0/4: (6-2k) 2-6 (k2-2k-4) = 36-24 k+4 k2-6 k2+12k+24

= -2k2-12k+60.

D6>0: 2m 2m. (MEHZ). -> -3-53p CKC-3+5p

1/4=0: 120 17H -> 1=-3± 130

7/4(0: 12/101074 -) 4<-3-53P, K7-3+53P

2U1.

341.

à (2 52.53)

To (1-52.253)

(1) compa = B. a - (1,-52,253). <-2, 52.53)* 1

 $=\frac{(-2-2+6)}{\sqrt{15}}=\frac{2}{\sqrt{15}}$

(2) Proj 2 b = (b : 1) 1

= (comp = 6) a

= 2 × <-2.12.137 × /

= 2 <-2.52.537

<- 4 25 253 >