

1) F'(t) = fx(xo+tax, yo+tay). sx + fy(xo+tax, yo+tay). Ay = = df(Kottax, yottay) 2) Monasseu no urgynyme, 20 mm 12.j < 16 te FEE (- 5, 5) JF (t) = d f(xottay) Daja unggugun : mu j=2 OK Regnouexur, yt-ne beptio que nenergioro j < k. Monasseu, et o bopteo gue j+1no regn ung-un $F^{(j+2)} = (F^{(j)}t) = (d^3f(x_0+t_{\Delta X}, y_0+t_{\Delta Y}))_{\pm} =$ = (d)f(xo+tax, yo+tay))x·ax + (d)f(xottax, yo+tay), ay = d(d+(x0+tax, y0+tay)) = d + 3) F(t) weret K+2 monglogryro (multi < 5) => $= > \overline{J} \Theta \in (0, \pm) : F(\pm) = F(0) + \underbrace{\sum_{j=1}^{k} F^{(j)}(0) \cdot \pm^{j} + F^{(u+1)}(0) \cdot \pm^{k+1}}_{(u+1)!}$ Mpu t=1 (70xe Bepto) F(1) = F(0)

Th. (PT coexatorem menon B grown Pearso)

The ("(") =
$$(x_0, x_0, y_0)$$
) = (x_0, y_0) + $(x_0$