Meros Ha Nukep -1-JONEAHO TEGRENE 30 obygets bene 4 elunciberaci. Hene h > 0, M 4 L ce Texube Kon Genty, le force f(x1) or (x) ylobrethops ba anchure y anobus 6 (30+4, 70+4 M) (xo,70) 4 (xo+4,70-4M) (robe e Trubronunk c pure beben 666xe): e) |f(xx) | = M + (xx) 6 7034 774626rent 5) |f(7171) -f(7772) | = L |71-72 | + (7171), 6172) Torche (6) 3! penn. ne (x) 20p. 5 [xo, xo+4] 6 pro 20pung (0) ochen na (x) J=Z(x) e penn na unireyentoso d'e 7(1) = 70 + 5' + (11) / 4x(e) pebergere 70(1), 172(1)---- 74(1), 1-- 31 Oupeberene yes $J_0(1) \equiv p$; $J_0(1) = p + \int_0^1 J_0(1) J_0(1)$ Ju(x1) => 7(x1) b [20, 20+4] (e) | 75(7) - 7(x) | < M (L' htt + 2 (m+2)! poth, 70+ 4 M)

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Πρωτική h = ? h > 0 T.?. pem <math>J(x) re 3.K. $J' = J' + x^2$, J(e) = 1 $Jee Q a function b <math>x \in To(h)$ Peum! 3e Q a yn rencury Papenere Teapering. $1J-11 \leq hx$ Theother <math>0e e b cunq $x^2 + y^2 \leq h$, ho $Sup_{J-1} \leq hx$ $0 \leq x \leq h$ $0 \leq$

 $J = 2xy' - (71)^{2}$ $J' = p(4) \qquad 144. \text{ now} \qquad 7' = 2xp - p^{2}$ $J' = p(4) \qquad 1' = p = 2p + 2xp' - 2pp'$ Norquehome

$$-p = 2(x-p)p'$$

$$4 = -2x + 2$$

$$p'$$

$$\frac{dx}{dp} = -\frac{2}{p} x + 2$$

$$x(p) = \frac{c}{p^2} + \frac{2p}{3}$$

sen by yeareners $y = 2xp^{-p^2} = \frac{2c}{p} + p$