



OOM SEG TER QUA QUI SEX SÁB OOM LUN MAR MIÉ JUE VIE SÁB	/
Portanto para todo t en I,	
Vf(x(t)). x(t)=0	
* Imagen da curva $\gamma(t) = (t, \frac{2}{t}), t$ curva de vivel $my = z$ .	>0 estr contida NA
14 - Suponha & diferenciavé no aberto A	e homogèner de grav de
f(tn, ty) = tx f(n,y)	
* Derivando en relação a m os dois	membros:
$\frac{d}{dx} = \frac{dx}{dx} = \frac{dx}$	(t>0)
$loop$ , $\partial f$ (tn, ty) = $t^{\lambda-1}$ $\partial f$ $\partial n$	(n,y).
Portanto, 2f é função homoagnia de	grav 7-1.

DOM SEG TER QUA QUI SEX SÁB  DOM LUN MAR MIÉ JUE VIE SÁB /	/
- capitulo 12,2, exercicio 12.2	
4- n=F(n2+y,y2), prode y=y(n) e F(n,v) six dife	rew clav
* Devivando en relação a m:	
$\frac{d}{dn} \left[ m \right] = \frac{d}{dn} \left[ \left[ \left( n^2 + y / y^2 \right) \right],  ou  \text{se3a},$	
$J = \frac{\partial f}{\partial u} \left( m^2 + y_1 y^2 \right) \frac{\partial u}{\partial m} + \frac{\partial F}{\partial v} \left( m^2 + y_1 y^2 \right) \frac{\partial v}{\partial m}$	
$J = \frac{\partial F}{\partial u} \left( m^2 + y \cdot y^2 \right) \left[ Zm + \frac{\partial y}{\partial u} \right] + \frac{\partial F}{\partial v} \left( m^2 + y \cdot y^2 \right) Zy = 0$	
$\int = \left[ -2m \frac{\partial F}{\partial u} \left( m^2 + y, y^2 \right) \right] = \left[ \frac{\partial F}{\partial u} \left( m^2 + y, y^2 \right) + 2y \frac{\partial F}{\partial v} \left( m^2 + y, y^2 \right) \right]$	dn
$\frac{dy}{dx} = \frac{1 - 2\pi \frac{\partial F}{\partial u} \left(m^2 + y, y^2\right)}{\left(m^2 + y, y^2\right) + 2y \frac{\partial F}{\partial v} \left(m^2 + y, y^2\right)}$	
$\frac{dy}{dx} = \frac{J - Z}{\partial x} \frac{\partial F}{\partial x} (u_1 v) \qquad u = m^2 + y  e  v = y^2.$	

