V: (1) = LC 2 Vc(t) + RC 2 Vc(t) + Vc(t) V; (+) = a, V, (+) + a, V2 (+) y (t) = H { v: (t) } = H |at v: (t) + az v= (t) = Ve (t) y(t)= 0, y, (t)+ a2 yolt) 7, (t) = H {V, (t)} V1 (t) \_ LC 234 (t) + RC 27 (t) + y1 (t) 72 (t)=H1/2(t)] V2(t)= 10 32 ys(t) + RC 2 y2(t) + y2(t) y (t) = ( ( a ) 2 y 1(t) + a 2 2 y 2(t)) + R( ( a ) 2 y 1(t) + a 2 2 y 2(t)) + az y (t) + 02 y2(t) = ay (LC 32 yolt) + RC 2 dolly yolt) + a2(LC 2 yolt) + RC 2 yolt) + y2(t) V; (t)= a1 V1(t)+ a2 V2(t)= 22 = y(t)+ RC 2 y(t)+ y(t) Enfoncesi y(t)=H1v;(t)= y(t) =) El sistema es linent