TS5 1) a)T(s) = 5-1 (Pasz-Todo: rotzder de Fixe) O Forme stiffer esperado Con Singuizardades simples (6(v)= \(\sigma\frac{G\_{2}}{G\_{2}^{2}+W^{2}}\) - \(\sigma\frac{G\_{2}}{G\_{2}^{2}+W^{2}}\) b) Topología Pasiva: Lattice  $T(s) = \frac{V_0}{V_1} = \frac{1}{z} - \frac{Gz}{Sc+Gz} = \frac{Sc+Gz-ZGz}{ZSc+ZGz} = \frac{1}{Z} \frac{Sc-Gz}{Sc+Gz}$  $T(s) = \frac{1}{2} \frac{s - \frac{Gz}{C}}{s + \frac{Gz}{C}} = \frac{1}{2} \frac{s - \frac{1}{R_2C}}{s + \frac{1}{R_2C}}$  $\Delta\theta = 15^{\circ} = \theta_{(0)} - \theta_{(1)}$ Segundo Cuzdrante

Cudrante

Cu en 17-Zercten (Az.c) = MT =) zreten (Az.c) = 1 Bz. C = 0,130159643 E130: R=1 => C=0,130-159643 Eliso B=B2=1 Topología Activa:  $T(s) = 5 - \frac{1}{R_1} \cdot CR_3$  S + 13 R3 Nueva mente R3. C=0, 130459 693 => (R3=1=R1=R2









