HODULAJUOOH	SNRO	BT	DEHODUADOR.
DBC  x(t) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$SNR_0 = 2SNR_i$ $SNR_i = \frac{A_0^2 \cdot P_X}{N_0 BT \cdot L}$ $SNR_0 = \frac{A_0^2 \cdot P_X}{N_0 BT}$	Br=2Bx Poot Act Px.	1) Remochilador coherente.
Aox(4)(205(207got)=75(4) R(t)		j h v	9 1
X(+)   X(+) - 100 (100 +) + x(+)   X(	SURO = SNRI SNRI = SNRO = = Ap <sup>2</sup> .Px NO BT	$B_T = B \times$ $P_{BM} = \frac{Ao^2}{4} Px$	Democrile des coherente.
$\mathcal{D}(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$ $x(H) = \frac{Ao}{2} \left[ x(H) \cdot loc(lock) \pm \hat{x}(H) \right]$	SNRO = 2 $\eta$ SNRi $\eta = \frac{m^2 P x}{1 + m^2 P x}$ $P_{AM} = \frac{AO^2}{2} (1 + m^2 P x)$	Br = 2Bx.	VITI & TIFF ISC XII  205(27190t)  Superade continua.  2) Edector de envolvente.
0 ₹ W ₹ Y			PIKI TSC XIE
FM:  - VCO - BPF  cacioda  cantrolado por tensión. e  D(H) = ADCOS (20196 + 21/4/XI)  ji (+) = jc+jd • X(+)	SNRC = 3D-BIT RESU BX D = gd Xmox BX SNRi \(\geq \text{JUdB}\)	BT=2Bx 014 ←D ←10	2 (Detector cla emport entre Au, oth)  SX 75(+)  Climitodor   PERF   THURF   ISC MR



Codiges Bloque.

Tasa de um código.

$$t = \frac{K}{N} \times \lambda$$
  $rb' = rb \frac{1}{t}$ 

blague solido o palabacabluso Produce supropy produce sorgicy o bear

cognisicación:

$$H_{\perp} = N \downarrow \left( \frac{\tau}{\tau} \right)$$

Doccargiación:  

$$H^{T} = n \int_{-\pi}^{\pi} \left( \frac{1}{\pi} \right) \times 4 \rightarrow 2 \rightarrow \hat{x}.$$
Coord as consultacionales:

codique contulicionales:

momoria = 
$$K(L-1)$$
 $T = K \cdot L$ 
 $K(entron) = F = K \cdot L$ 

Teaverna de Shannon

$$C = B_T \cdot log(1 + \frac{5}{N})$$
capacidal
accord

## Comunicaciones Dibitales.

