$$((A)T)G = [(A)T[O] = 0$$

$$E\left[\beta\left[x(0)\right]\right] = A$$

n = 3

$$\int_{A}^{A} A(t) b(x; \theta) \, dx = 0 \quad A \theta$$

$$V(T)$$
: $Sin 2MT$

$$Y(T) - h(T) = Sin 2MT$$

$$Y(T) + h(T)$$

- * A Sofficient Statistic is complete if

 IV (T) P(T; 0) UT=0 for all Q.

 is satisfied only by V(T)=0 for all T.
- * (1) End Sofficient statistic for 0 by Wing NF footonis allon Theorem.
 - (i) Check if T(x) is complete. If jet then proved. If not this omportions. Con not be omplied.

$$\hat{\Theta} = \mathcal{E} \left(\hat{\Theta} \mid T (\star) \right)$$

$$\hat{\Theta} = \hat{\Theta} \left(T (\star) \right)$$

Best Linear Unblosted Fatinates (BLVE)
$$\frac{1}{2} \times [0] \times [1], \dots, \times [N-1] \xrightarrow{7} 0$$

$$\frac{1}{2} \times [0] \times [1], \dots, \times [N-1] \xrightarrow{7} 0$$

$$\frac{1}{2} \times [0] \times [0]$$

$$\frac{1}{2} \times [0]$$

ministe
$$van(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \sum_{i=0}^{n} [x_i r_i)$$

$$= [x_i r_i) \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \sum_{i=0}^{n} [x_i r_i) \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot r \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a} = s \cdot f(\vartheta): \vec{a}^{\dagger} \vec{c} \vec{a$$

The Constraint:
$$\sum_{n=0}^{N-1} a_n \in [n(n)] = 0$$
.

$$\sum_{n=0}^{N-1} C_n \leq [n] \otimes = Q$$

$$\sum_{n=0}^{N-1} C_n \leq [n] = 1$$

$$\sum_{n=0}^{N-1} C_n \leq [n] = 1$$

$$\sum_{n=0}^{N-1} C_n \leq [n] \otimes [n] = Q$$

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$$\sum_{n=0}^{N-1} C_n \leq [n] \otimes [n] \otimes [n] = Q$$

$$J = \vec{a}^{7} \vec{c} \vec{a} + \lambda (\vec{a}^{7} \vec{s} - 1)$$

$$J = [\vec{a}^{7} \vec{c} \vec{a} + \lambda (\vec{a}^{7} \vec{s} - 1)]$$

$$-\frac{7}{2} = \frac{\frac{1}{5}}{5} - 6$$

$$\hat{O} : \vec{A}^{T} \vec{x} : \frac{\vec{S}^{T} \vec{c}^{-1} \vec{x}}{\vec{S}^{T} \vec{c}^{-1} \vec{S}}$$

$$v_{con}(\hat{\theta}) = \vec{a}_{up} = \vec{z}_{up} = \frac{1}{\vec{s}^{T} \vec{c}^{-1} \vec{s}}$$

$$\frac{S^{T}C^{-1}S^{T}}{S^{T}C^{-1}S} = \frac{S^{T}C^{-1}OS}{S^{T}C^{-1}S} = 0$$
Wholesof

entire PDF

M(n) -> nuse crifit

n: 0, 1, - - , 1

$$\hat{A} = \frac{\vec{3}^{T} \vec{c}^{T} \vec{x}}{\vec{3}^{T} \vec{c}^{T} \vec{3}} = \frac{\vec{1} \cdot \vec{b}^{T} \vec{x}}{\vec{3}^{T} \cdot \vec{b}^{T} \vec{3}^{T}} = \frac{\vec{1} \cdot \vec{b}^{T} \vec{x}}{\vec{3}^{T} \cdot \vec{b}^{T} \cdot \vec{3}^{T}}$$

$$Van(\hat{b}): \frac{1}{1-\frac{1}{6}\sqrt{1}} = \frac{6^2}{1^7 1} = \frac{6^2}{N}$$

$$\hat{\mathbf{A}} = \frac{\vec{\mathbf{A}}^{\mathsf{T}} \vec{\mathbf{c}}^{\mathsf{T}} \vec{\mathbf{x}}}{\vec{\mathbf{1}}^{\mathsf{T}} \vec{\mathbf{c}}^{\mathsf{T}} \vec{\mathbf{A}}} \qquad \forall \infty (\hat{\mathbf{A}}) = \frac{1}{2^{\mathsf{T}} \vec{\mathbf{c}}^{\mathsf{T}} \vec{\mathbf{A}}}.$$

$$C' = \begin{bmatrix} \frac{1}{6} & 0 & 0 & 0 \\ 0 & \frac{1}{6} & 0 \\ 0 & \frac{1}{6} & 0 \end{bmatrix}$$