

( Continuare

 $\chi_{\mathbf{A}} \cup (\underline{n}, \mathbf{A}_{i}) = \max \{ \chi_{\mathbf{A}}, \chi_{\underline{n}, \mathbf{A}_{i}} \} : T \rightarrow \{0, 1\},$   $(\forall \mathbf{x} \in T) \max \{ \{ \chi_{\mathbf{A}}, \chi_{\underline{n}, \mathbf{A}_{i}} \} )(\mathbf{x}) = \max \{ \chi_{\mathbf{A}}(\mathbf{x}), \chi_{\underline{n}, \mathbf{A}_{i}} \}.$ 

 $\begin{array}{lll} \chi_{n \text{ dir}} &= \min \left\{ \chi_{\text{Ai}} / i \text{ of } \right\} : T \rightarrow 40, 13, \\ (\forall \times \text{c-}T) & \min \left( \frac{1}{2} \chi_{\text{Ai}} / i \text{ of } \right\} (\star) &= \min \left\{ \chi_{\text{Ai}} (\star) / i \text{ of } \right\} \end{array}$ 

=>  $\chi_{AU(n,h)} = \max_{i \in \mathcal{X}} \{\chi_A, \min_{i \in \mathcal{X}_A}, \lim_{i \in \mathcal{X}_A} \{i \in \mathcal{Y}\}\}$ :  $T = \{0, 1\}$ 

I mos

G: To so, 13

G: To so, 13  $\chi_{\text{not}}(4 \cup 4) = \min_{i \in J} \chi_{\text{A} \cup A_i} / i \circ J = \min_{i \in J} \chi_{\text{A}} \chi_{\text{A$ 

fem ca': 7= G

Fie XoT, arbitrar, fixat

 $Q_{a+1}: \times (A \otimes X_A(x) = 1$ 

 $\chi \in A \iff \chi_A(x) = 1$  = 1 = 1 = 1 = 1 = 1 = 1

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G(x) = sum 4 man 4, \(\chi\_{\man}\) | self = 1

=> =(x/= G(x)