Funcții Caracteristice

SEMINAR DE LOGICĂ MATEMATICĂ ȘI COMPUTAȚIONALĂ

Claudia MUREŞAN

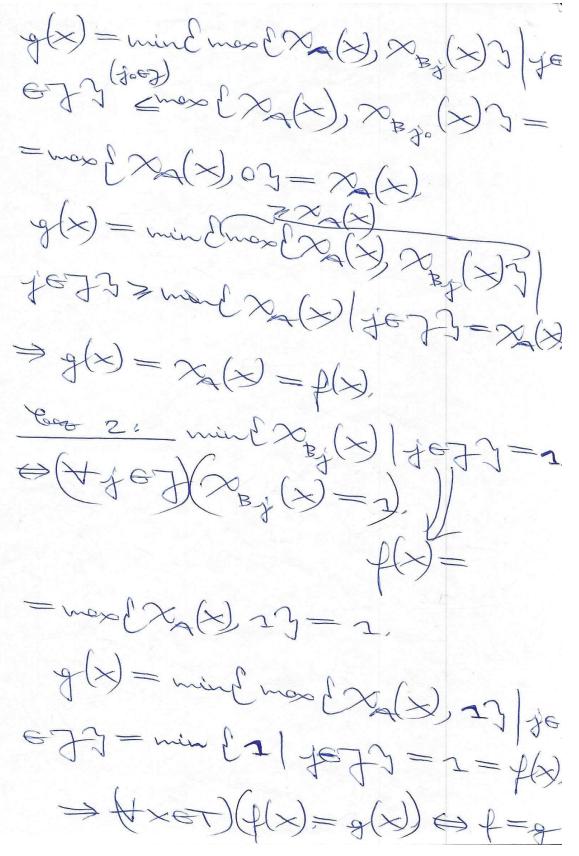
cmuresan@fmi.unibuc.ro, claudia.muresan@g.unibuc.ro

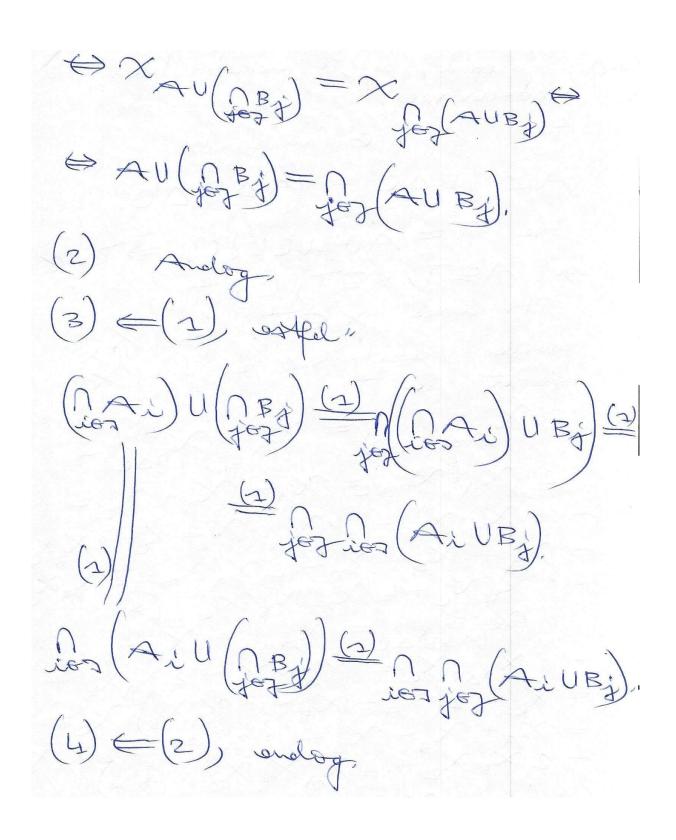
Universitatea din București, Facultatea de Matematică și Informatică

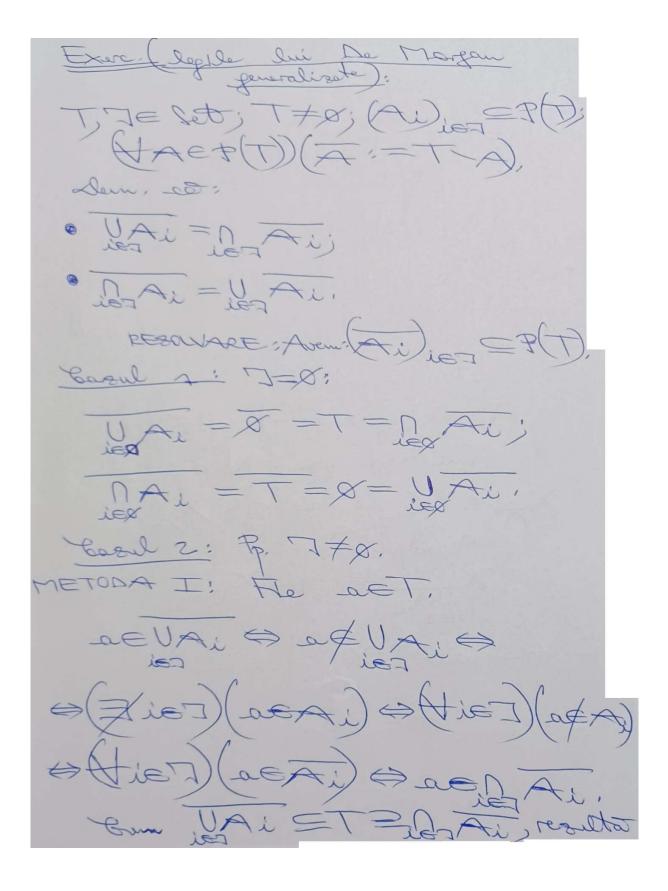
Semestrul II, 2024-2025

BO Altfel: ştim că ∆ e comutativă, aşadar: tripletul (A,B,C) $(A \triangle B) \triangle C = C \triangle (A \triangle B),$ $+\chi_{B} - 2\chi_{C}\chi_{A} - 2\chi_{C}\chi_{B} - 2\chi_{B}$ $+4 \times_{C} \times_{A} \times_{B} \stackrel{(\star)}{=} \times_{A \Delta(B \Delta C)}$

Exercit leple de distrib, generalisate 17 mullimi 77 (Ai) ie], (By) je] familie (3) An (Jet Bt) = U (An Bt) (2) An (Jet By) = U (An By) (3) (nestri) u(DB) = UU(AinB) (= n (ALUBY)) (4) (U Ai) n (U B) = U U (Ain B) (= U U (ALNB)). Up By U CON + 8, 20 (Xm= == fot, coract; a lui r raportat la T) (2) Magri f:=X >20,23 x0 g= x (AUB): T> > {0,23, }= $f(x) = \max \{x_a(x), \min \{x_b(x)| \} \in \mathcal{J}$ (x) = min Emos (x) x By (x) HeII. Est 1: min { x } (x) | feff = 0.0 $\Leftrightarrow \{\exists j \circ e \}$ (x) = 0 $= \max\{x \in X_{\Delta}(x), 0\} = x_{\Delta}(x)$ $= \max\{x \in X_{\Delta}(x), 0\} = x_{\Delta}(x)$



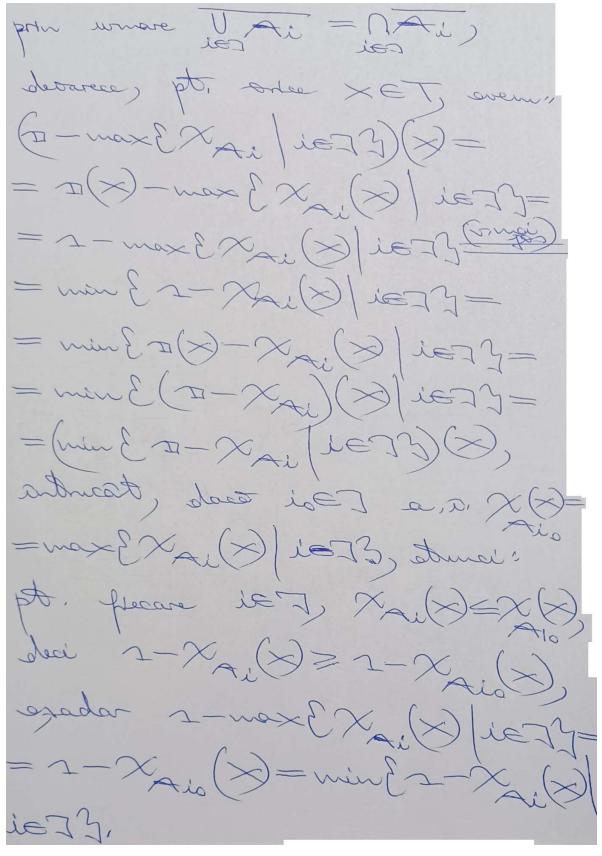




(x) if I was Entre a down lege a bui De Morgan putem proada ouslog som o putem folosi pe prima, plus foptil so (ACIA) UAL = UAL DAL METORA II: (+AEF(T))(X2= pd Horseger A inle a talkharasa T:= fet, constants 7 pa T: T:T>E9, 23, (XED)(I(X)= Amintese to tac actions $X_A = X_A = D$ Aradar:

XUAi (r. eursul)

VIAi = I - max EX jes (5. mai pax) = min [] - X - [is]] = = min Examples is I seemed to



Procedan la fel pt. a dona
lege a lui de Margan, au toake
a ou sontat mai sus es
resulta din prima si autoductitatea
complementari:

X = 7 X (r. oursul)

= D - min E X (le T) (onelog dom

= D - min E X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (onelog dom

= max E D - X (le T) (