Funcții Caracteristice

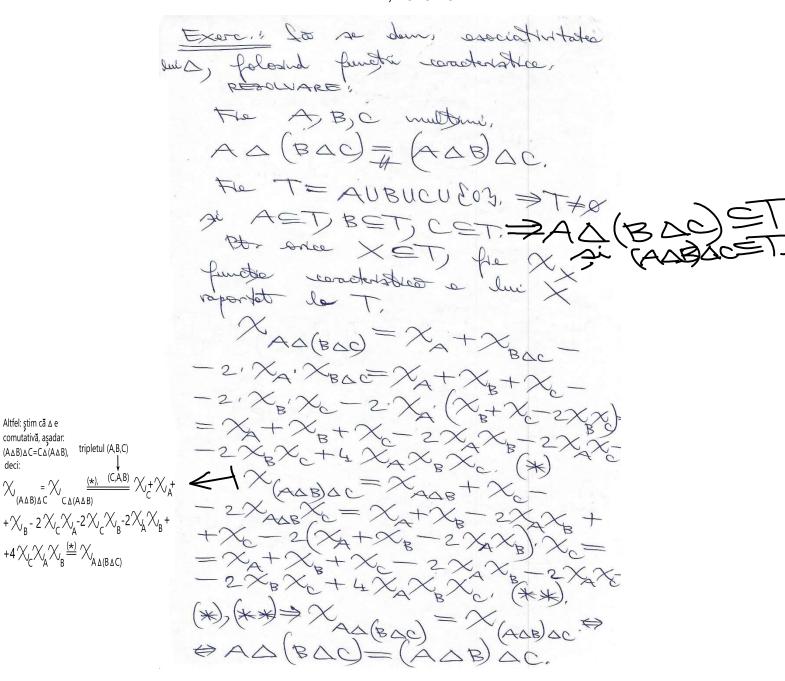
SEMINAR DE LOGICĂ MATEMATICĂ ŞI COMPUTAŢIONALĂ

Claudia MUREŞAN

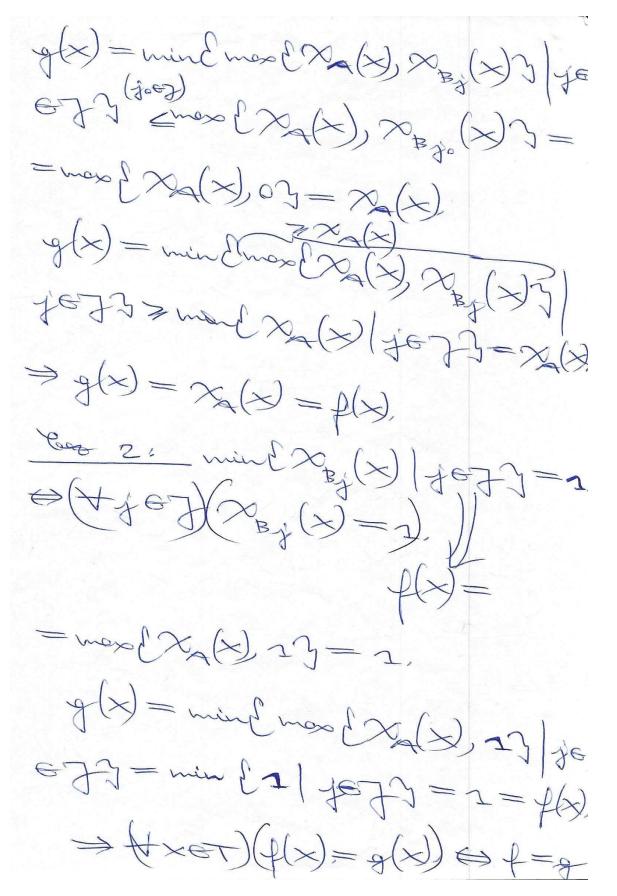
cmuresan@fmi.unibuc.ro, claudia.muresan@g.unibuc.ro, c.muresan@yahoo.com

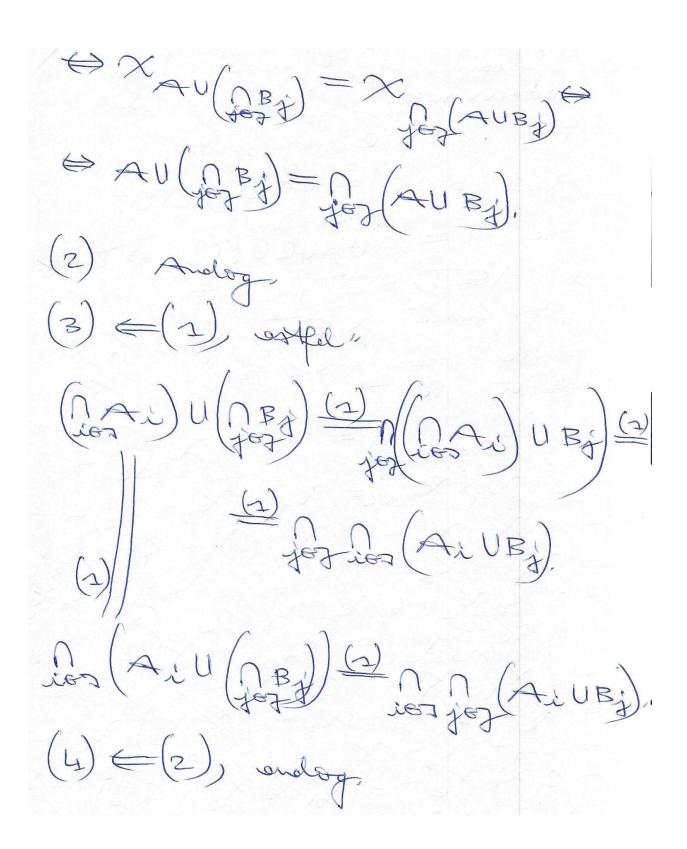
Universitatea din București, Facultatea de Matematică și Informatică

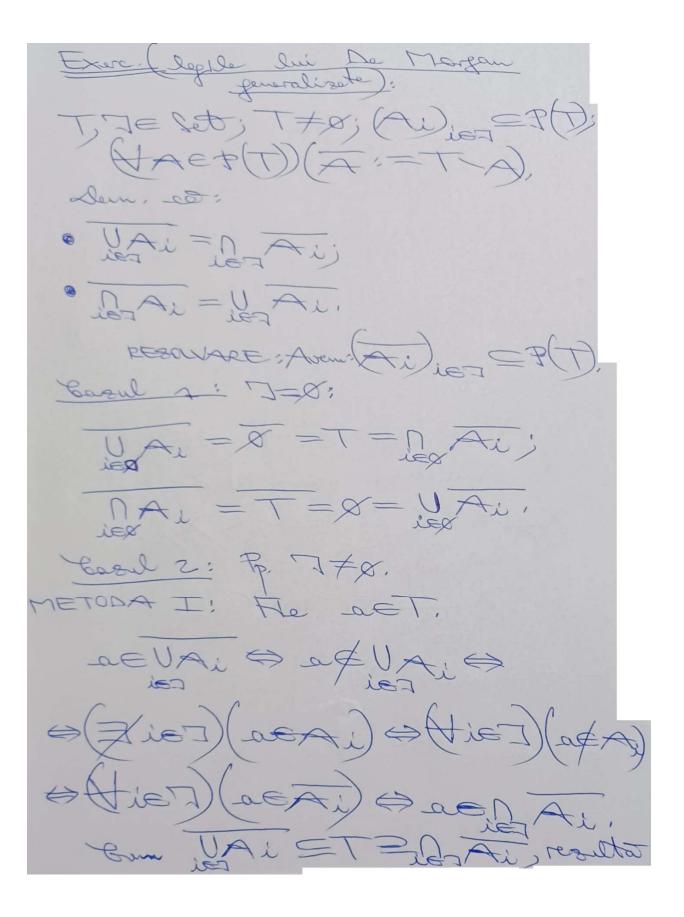
Semestrul I, 2023-2024



Exercif lepte de distrib, generalisate Jandbune -JJ mulling J +8) ? (Ai) iez, (BJ) jez familie, (3) AU (Jest) = U (AUBI) (2) AN (HER) = U (ANB) (3) (ies Ai) U(n By) = n n (AiUB) (= n (ALUBY)) (4) (U A) (UB) = U U (A) (B) (= U U (ALNBy)) Ujus By U CON + A, so (+ M CET) (XM = == fot, wordt, a lui r raportat le T (2) Mari fi=X AU (DB); -> EO, 23 xo g = x (AUB): T> → {0,23, +=48 $f(x) = \max \{x_0(x), \min \{x_0(x), \frac{1}{16}\}\}$ (x) = min Emos (x) x By (x) JeJ. Ess 1: min [xB] (x) | fe7y=0.0 $\Leftrightarrow \{\exists j_0 \in J\}$ $\{x_{B_{J_0}}(x) = 0\}$ $= \max\{x, (x), 0\} = x_{\lambda}(x)$ $= (x) = x_{\lambda}(x)$

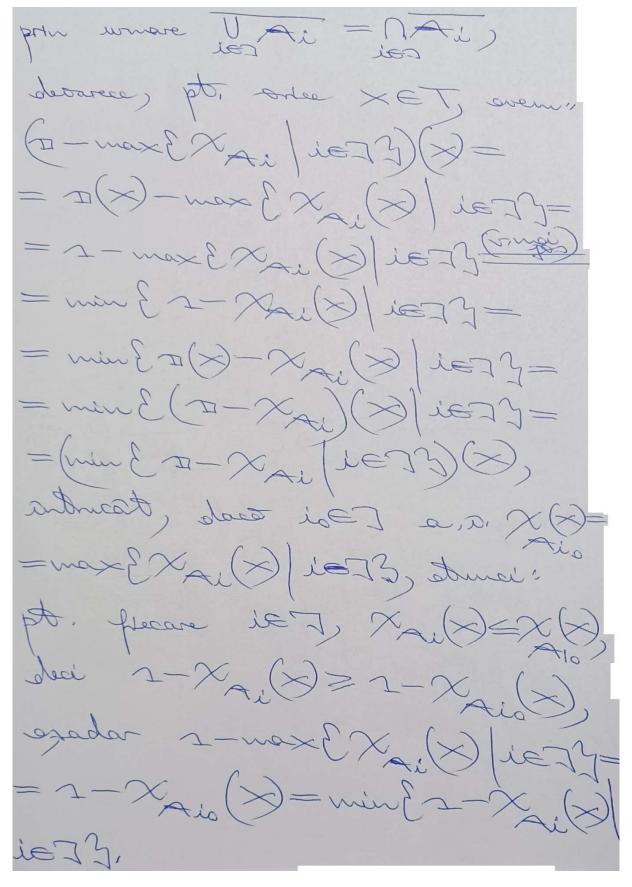






(*) STAN BE tentre a dona lege a sui De Morgan pulem proceda analogo sam o pulem folosi pe prima, plus fopbil es (1) (2) UAL = UAL DAL METORA II: (+AEF(T)) (X = fet. totragar A sul a talkchakaras I so totustanos itol =: I D: T > E0, 23, (4 XED) (2(X TESA to estrumA Asadar:

XUAi = I-XUAi (5, eursul) I- max {X i le Is (5. mai par = min E D - X / 1673= - min Examination is I wim =



Procedor la fel pt, a dona
lege a lui de Margan, ou toate
se aux ion trotore uno se posito din prima je autodustitotea complementori: X = I - X (r. oursul) = I-min EX ai is Consley dom. = ET 3 con = = max {X ien y (rewall) poh umas Tai.