n m
Curs 1 Bibliografie T. Dumitrescu - Algebra (2006) D. Dummit, R. Foote - Algebra C. Nástasescu, C. Nita si C. Vracin - Bazele algebrei C. Baetica S. Dascallescu, G. Mimou - Probleme de algebra
C. Boboc
C. Boboc
D. Popescu, N. Radu - Probleme (2008)

T. D. Iom, C. Nita, D. Popescu, N. Radu - Probleme

de algebra (1981) problème teoretice (mai grale) Del O multime inseamna a colectie de abiecte, numite elementele multimu. exementere imartime.

A miltime a E A (E) a este un element al multiplie A)

Ex A=31,2,34 3EA,4EA.

A este a submultime a lui B A E B ACB (C) A EB S, A + B) Ex (1) A = 31,2,3,4,--,100/ multime = 1 x = N) x < 100/ 3 NCZCQERECT; N=30,1,2,3,4,---, N=1/2,... Operation multimi A, B multimi Operation multimi A, B multimi O AUB= foctore A som one B) (3/AB = foctore A si oce B) O AUB= foctore A si oce B) O AUB= foctore A si oce B) E_{X} $A = \{1,2,3\}$ $B = \{2,3,5\}$ $A \cup B = \{1,2,3\}$ $A \cup B = \{2,3\}$ $A \cup B = \{1,2,3\}$ $A \cup B = \{1,2$ Def 1) Multimea vida et multimea care mu are nicium element, $\frac{1}{5.M.}$ and $\frac{1}{9}$. (Ex $\frac{1}{9}$) SIN. Un J.

2) ABSM. disjuncte daca AB=0.

(ab) aeA beB?

(b) AB multimi AXB=2 (ab) aeA beB?

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[] A = M A = 34,55 $A \times B = \frac{1}{3} (1,6), (1,7), (2,6), (2,7), (3,6), (3,7)$ Obs ASM ANDM-- ANDM-Propre () AUB=BUA, ANB=BNA (BNC) = (AUB) UC (ANB) NC = AN (BNC) (AUB) = (AUB) UC (ANC) (ANB) NC = (AUB) N (AUC) AU(BNC) = (ANB) U(ANC) (ANB) = \mathbb{L}_{M} AUB) = \mathbb{L}_{M} AND \mathbb{L}_{M} AB = \mathbb{L}_{M

 $E \times O A = \frac{\alpha+1}{2\alpha+1}, \alpha \in \mathbb{R} - \frac{1}{2} = \mathbb{R} - \mathbb{R} -$