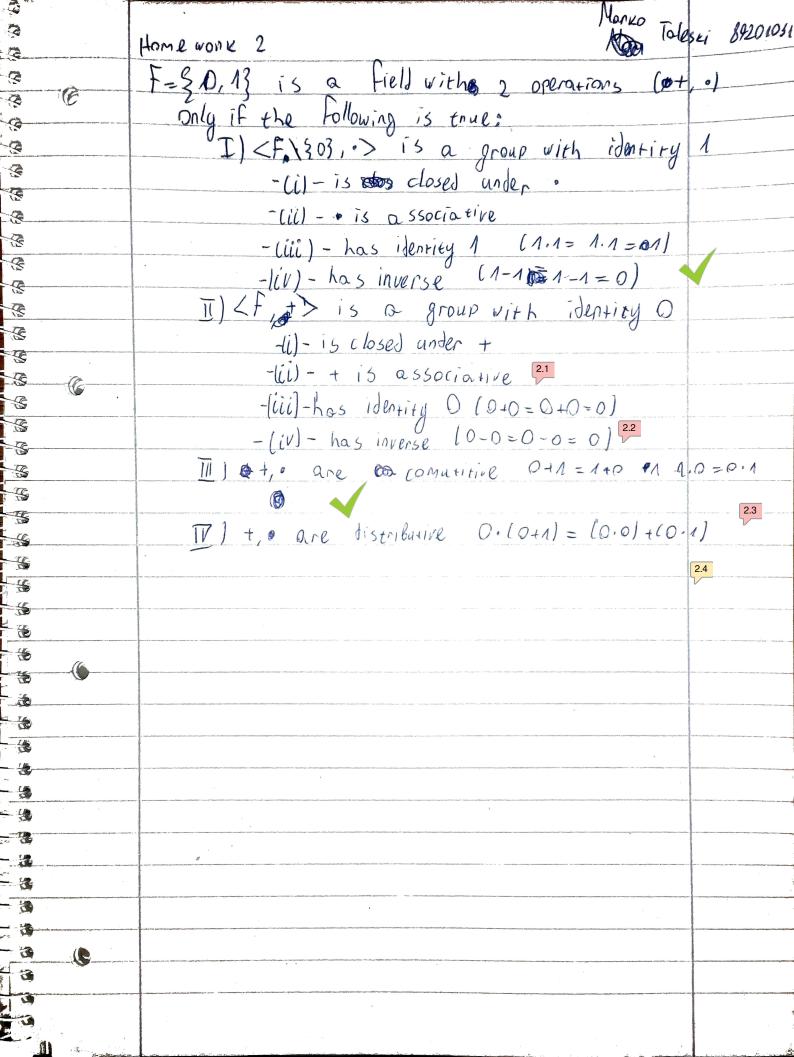
Homework 2 Marko Taleski 89201031 i) 1 x= 510 $X = A O B = \{ x \in \mathbb{R}^{30} : x^{3} < 2 \} | \{ x \in \mathbb{R}^{30} : x \in \mathbb{R}^{30} : x^{3} = 2 \}$ (ii) (x=3/2+13 X=AclBx == 352 - we already have this in (ill 9 = AIB, 0= 2014 ER=0: y2 <3 } | {4 ER = 0: y2 = 3} 5/2 + J3 = X+y = A 1B = {x+y \in R = 0 : x 3 \in Z 2 \in Ax , y 2 2 B \in Ay: Bo:= R70 \ A (1) AUB=Q 2) a f A R = X+y 6 ca X1 < X 50 X1 EAR fut b=x1-y so b EA 6 < x = y soy, e As B=2.y, -80 bEA 3) B is a non empty set as ZEBr, weBs, ZwEB A (50 A has no protest gratest element since Ar, As do not have a someon greatest element Q(if x= y &A, xa, y &A, for any oxa > x in A)

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