Nome: Folipe Anchon 50 a	
NP: 2252740	
	4 4 4
FUNCOO INJETUAD,	SUBMETETONE & BISCHON
1 UNCOO INSTAND	SOBNE SETONE & POTOCOLON
INDUTONA	Marinet of J.
1: A - B & INDE	TONA QUINDO DODOS
XIX EA COM X	1 # X2 => l(x1) \$ (1X2)
ON SURPLY SE VIXIN	= ((X2), 0~700 X1=X2
(12)	A COLOR
1. (0.12) - 50.	ΣC
1: [0,+D) -0 [0,+0	, Z
$\times - \circ f(x)$	
OEXL, X, tois Q	0
0 = X , X, 7015 Q1	10 \((x_1) = \((x_2)\)
	11.0
X z = X , o	1×21=1×21 ×1= ×2
	The state of the s
	E INDUTUNO
	X The second sec
Q: In -o In	
x +0 g(x1= x2	ATO TO
2 = - 2	
OF 7 00	

Sonnoverona	
1 A -OB & SUBPRACTOR	C) Vay DO
YyEB, FXEA TOL QUE	O(x) = 14
9 1) 1 2 7 611 111 406	ting of
INGOTONA	ENCHOLA
de BIOCTONN QUANDO de	INJUTUANA OF
Empodotona ad Mosmo tompo	for the second s
- 17 F-17 Care A 11 F 138	
X-10 Zx+3	
X -10 5x+3	
$x_{2}, x_{3} \in \mathbb{N},  \int_{\mathbb{C}} (x_{1}) = \int_{\mathbb{C}} (x_{2})$	y =11, x= 33
2 - 7 = 21 -13	P(x)= P(23)=X23)+3
	1(x)-1(-2/-0-2)
2x, = 2xe	= 21.
	1
$X_1 = X_2$	
	The state of
B' INJOTUNE	E SOBROSOTONA
& B190	ston9
	(194 = 4 = (s) 8 = 1
tilibra	

g: 1n- 803 - 1n x - 0 g(x) = 1/x of ver of some sorem pois 3 x EIn Tru QUE fix, =0 VEC & BIOGTOM h: 1n- {0} -0 1n-{0} > ~ h(x) = 1/x \* X1, +2 +0 TOIS QUE DIXI) = DIX L = L ·· - Xz = Xz h(x)= h(/y)= L = y h & 30mn & John O BIJOYONE

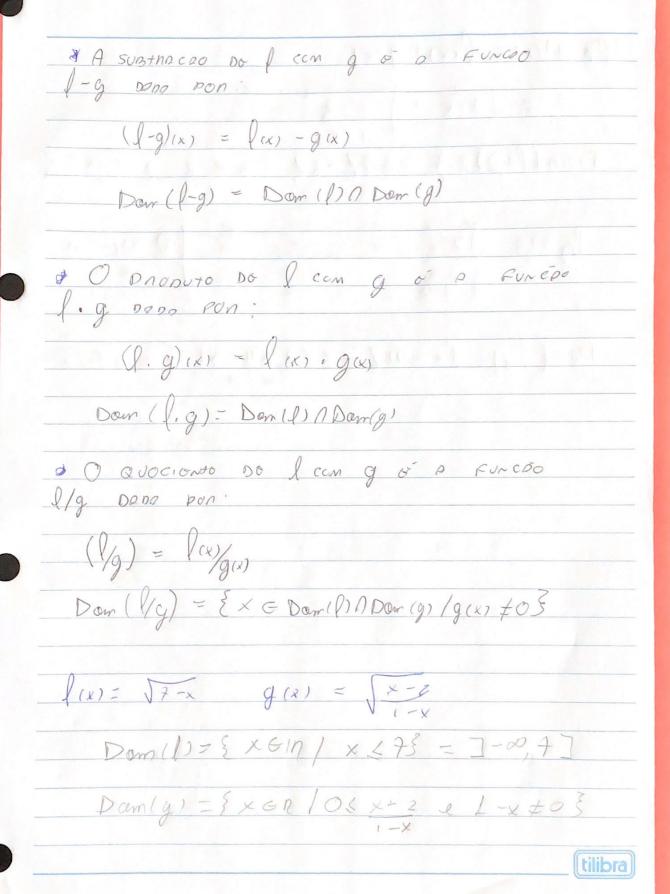
(tilibra)

FUNCOO INVONSA SORR DE PB UMD FUNCTO QUE GOLIXIEN UNA FINED G:B-AD TOL QUE GOLIXIEX YXER & GOGINS = Y YYEB GNIDO DIZOMOS QUO PS INVONSIVEL O QUO G E INVONSO DO 1. V: EO, +DE - EO, +DE 2 -0 P(x) = x Z  $g: Eo, +\infty = 0$   $Eo, +\infty = 0$   $x \rightarrow g(x) = 0$  $X \in \mathbb{Z}(1+\infty) = g(x) = g(x) = g(x^2)$ = Vx2 = |X1 = X y 6 EO,+∞E = log (x) = l(g(g)) = l(√y) = (Jy)2 = 1y1 = y gico & Sue INVENSO

° |n - {0} → |n - {0} x - (x) = 1/x g: 1n-{0} -0 1n-{0} g(x) = 1/x X G In - 803°, golin = gilas) = 1 = X (0g(x)= ((g(x)) = & INVONSIVE DUNGASA E OLD MOSNA TEONEMAS 1: A -B & INLONSINGE SO & SOMONTO SO / FUN BIDGTONA => SUPONHAMOS QUE JE INVENSINGE SGOOM X, Y & A TOIS QUO ) ( ( (x)) = \ -2 ( (y)) = \ \ \ (y) MOSTHERDO QUE 1000TONE D TOMB YEB, TOMOS QUE. (((-'(y)), OU SOOR, FX CA (1-b(y), mostnerou ava SOBA & DOTONA

tilibra

TO SUPONIAR QUE ( & BIROTIVO. Cono là sumno doronz, penz cana y 63, FXISTE XEA TOU QUE (K)=y DO INDETIVIDADE DO / DOCOMO QUE TOL X 8 UNICO, POIS SO X NOO FUSSO UNICO, TONIPMOS x + + x TOL OUR (x,) = y = f(x), CENO BOOME e consigne de l son indetona DEFININDO ENTRO Q FUNCOS g: B-OA PON g(y) = x ONDE X & O UNICO GLOMONO DO Q, TOL QUE (x) = y. DSSIM, gol (x) = g (la) = g (y) = x log(y) = l(g(y)) = l(x)=y 6060 / 8 INVONSIVEC. Openacoos Com Funcoos SEDEN LO 9 DUES FUNCOES ONDO: Derrilo (Dong) + 9 \* A SUMP DO I COM & OF FUNCOS /+9 DODE pon (1+g)(x) = f(x) + g(x) Dom (l+g) = Dom (l) n Dom (g) tilibra



(l+g)(x) = l(x) + g(x)= V7-X + X-Z Dam (l+g)= { xGn/x67, 0 (x-2 , 1-x + of Dom (/g) = {x < In / 0 < (7-x)(1 x) e x-z \ = 0 } (tilibra)