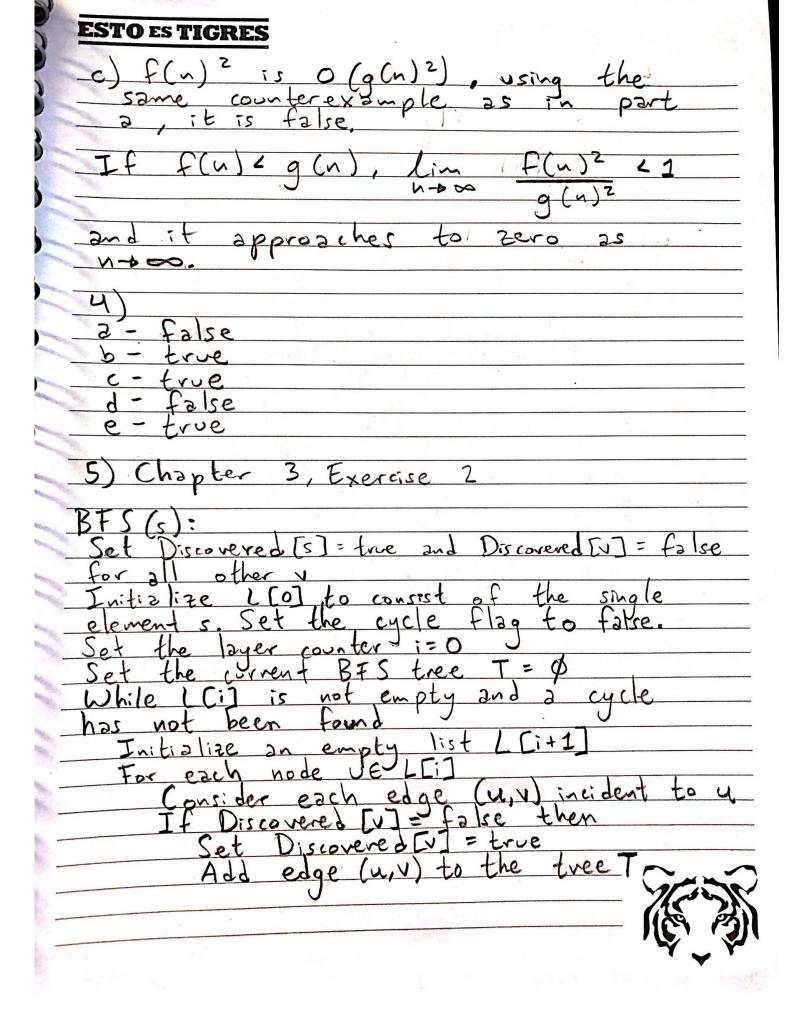
ESTO ES TIGRES	
3) Chapter 2, Exercise 5	
a) logef(n) is O(logeg(n)).
If-1/1 0 (f(n) = c > 0, th	nes :
f(n) = 0(g(n))	
lim logzf(n) a 1 if	f(n) = g(n)
· dimogologia f(u) > 1 ofor	f(n) > g(n)
lim logz f(n) « 1 and	it approaches
to zero gas no if	f(n) Lg(n).
Tt is efalse.	Control ample:
b) 12 fcm) is 0 (2 gcm), Usi same counterexample as a, it is false.	ng the jump at
If $f(n) \leftarrow g(n)$, $\lim_{n \to \infty} \frac{2^{\frac{n}{2}}}{2^{\frac{n}{2}}}$	(m) < 1 (m) < 1
and it approaches to zer	0 25 N-> 00.
	7 _ Y



	Disco Dutput Set a Erue. Break	rered [v] the the	= true cycle of cycle of the	lag to	οορ
Endfor Increment Endwhile		layer	counte	r i by	one
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