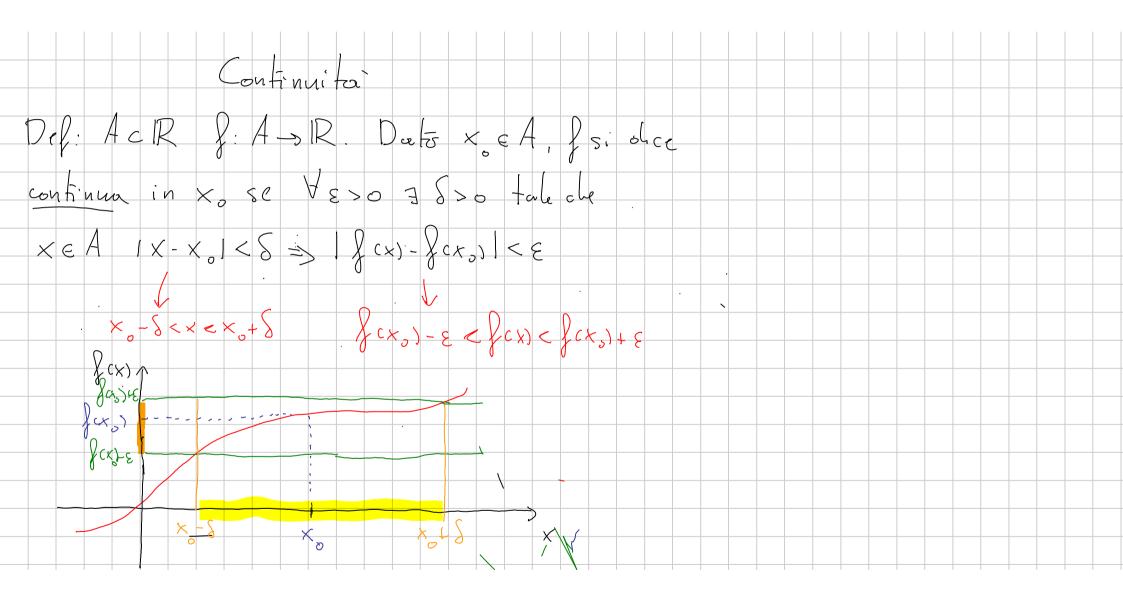
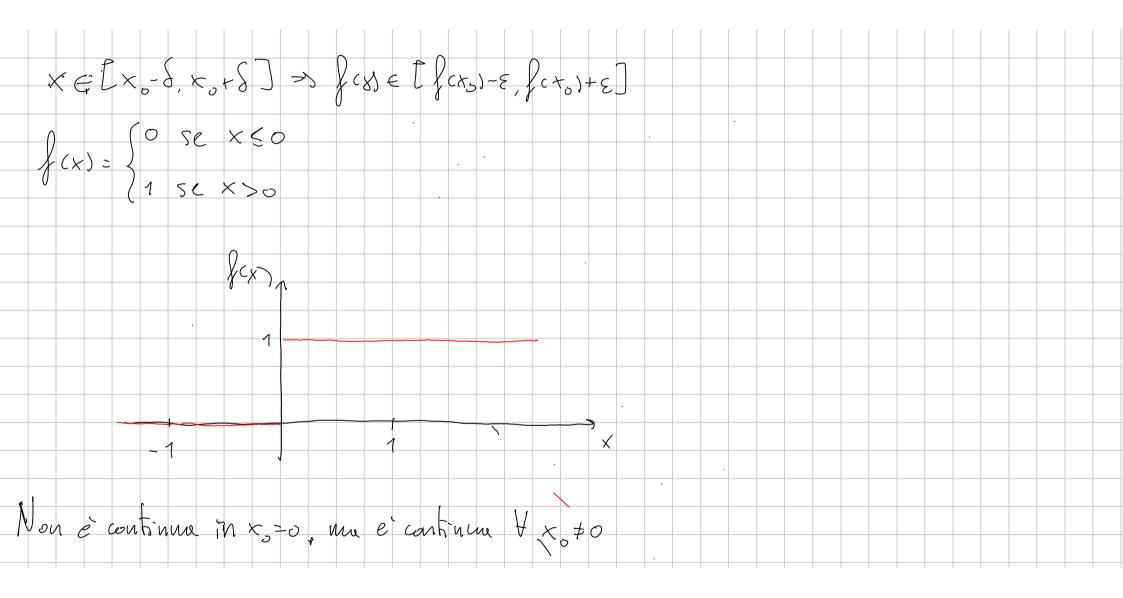
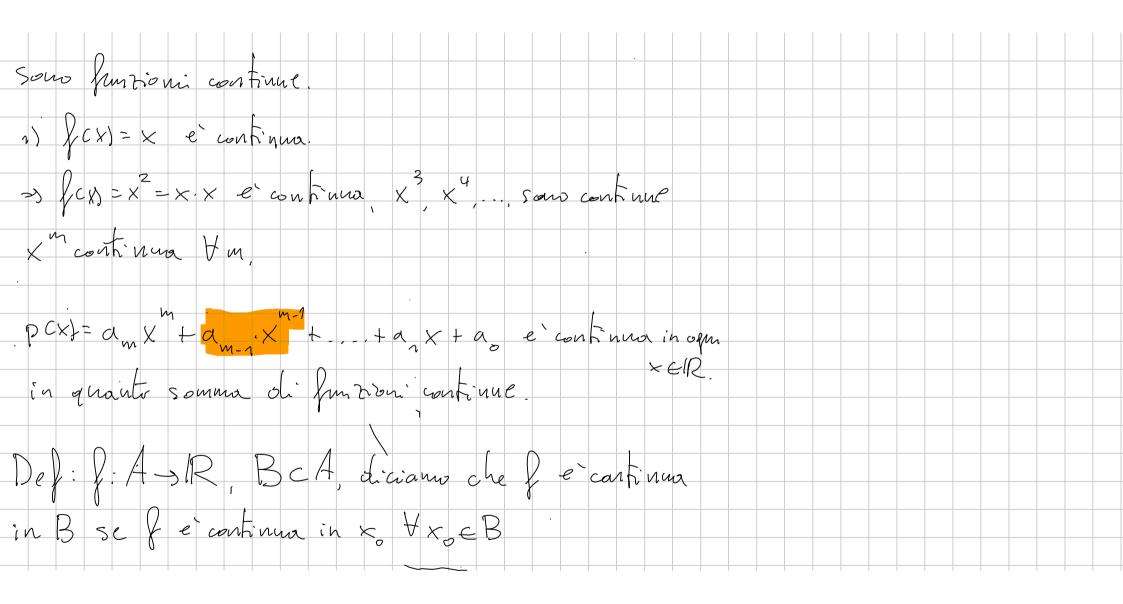
Lezione 1-10 quande solvinsieure de IR dove hanno senso le operazioni describe in f. 1/2 = 1x1 /x c/R perche /cx) = x2 ha come immagne R= [0,+00) e R c Dom (gcx)= \(\sux\)

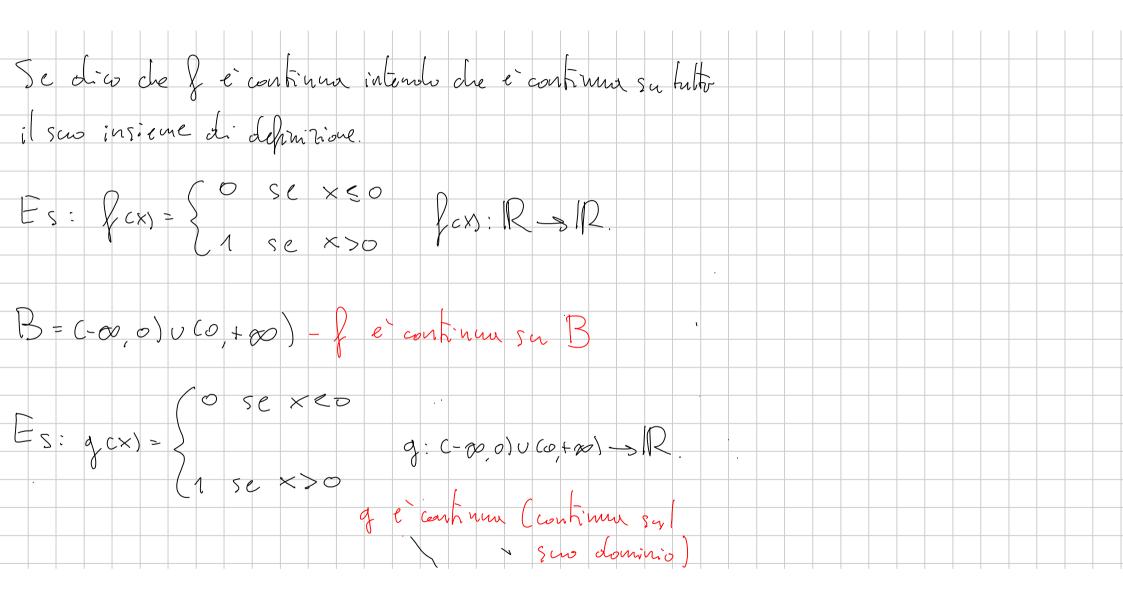


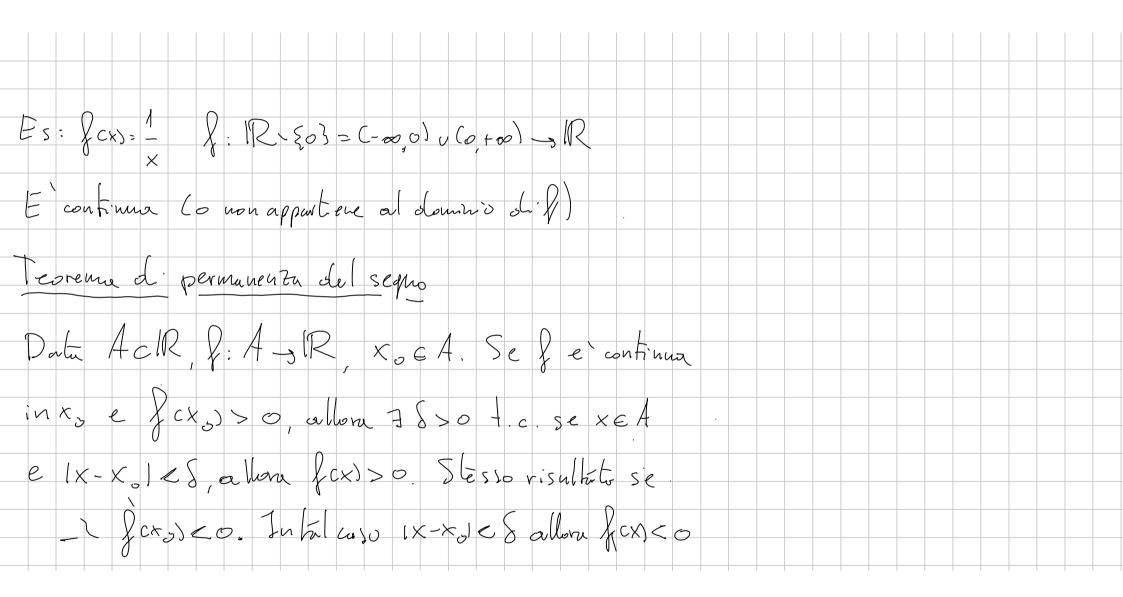


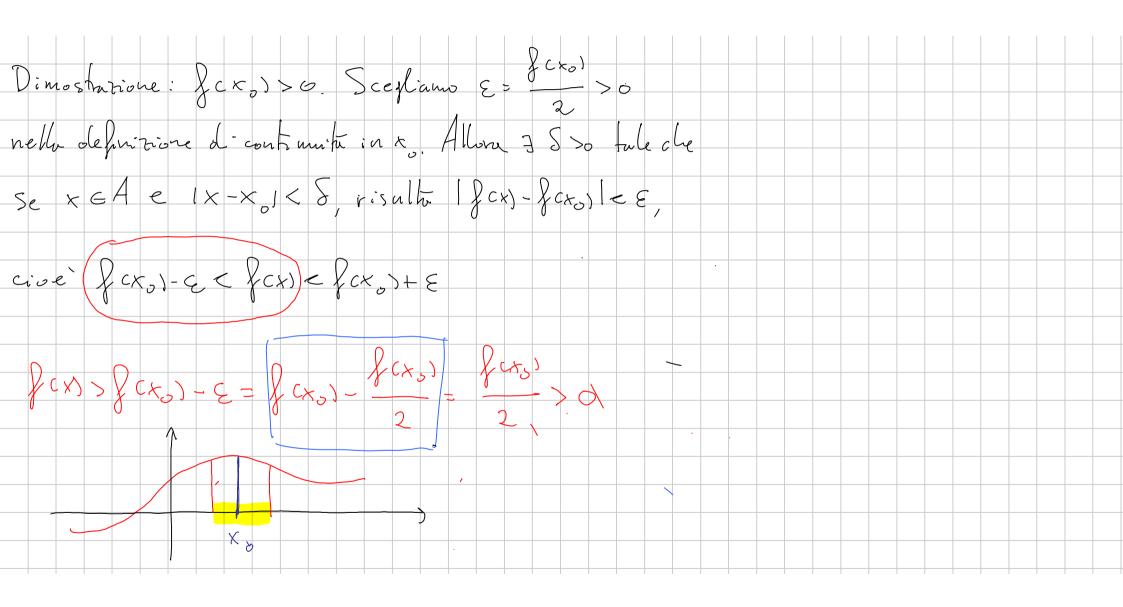
Verifichiam de f non é continua in X=0 Se prendians E=5 la definitione di continuità è
venificata, infathi 0-5< f(x) E0+5 è venificata VxelR Se invece sceptains &= 1, dobtians cevare un 80 tale che $\forall \times +c$. $|x| \in S$ $-\frac{1}{2} < \beta(x) \in \frac{1}{2}$. Non troviam mai un tile & poide & x. f.c. 02x28 Veile de (CX)=1>= 1>= =

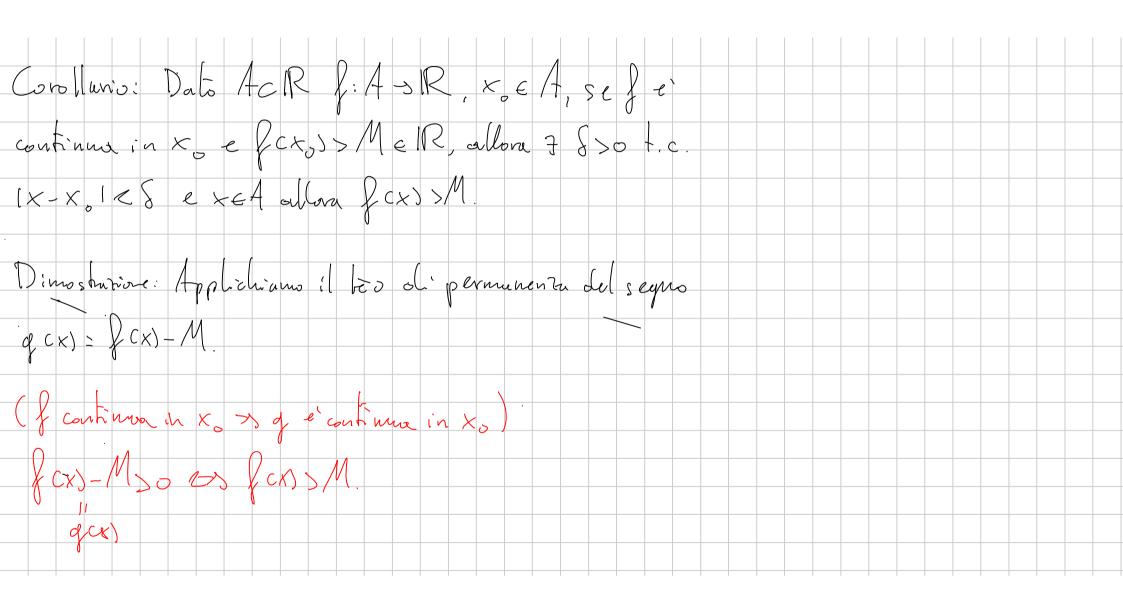
Polin	omi som	castimi (lo	g ed esponent	iali sour confina	u,	
Seno	e cose	NO SONO CON	Finan.			
Teor	ema Se	gegs.	ons funtion co	ontime in xo		
(} :	$A \rightarrow IR$	g: A > 1R,	$x_o \in A$), or l_o	a ·		
1) {	fg e a	ontinu in	X _o			
2) {	e e co	ontinua in	× _o _			
3) (ffe c	ontinua.				
Cona	questo te	orema poss	ramo dire che	Inthi polino	va i	

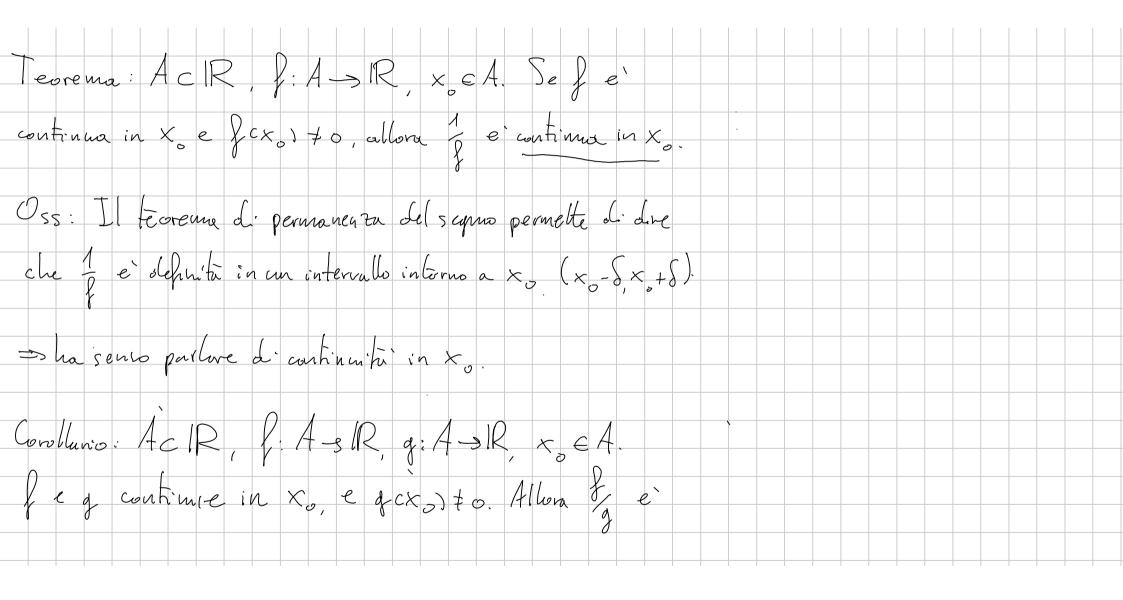


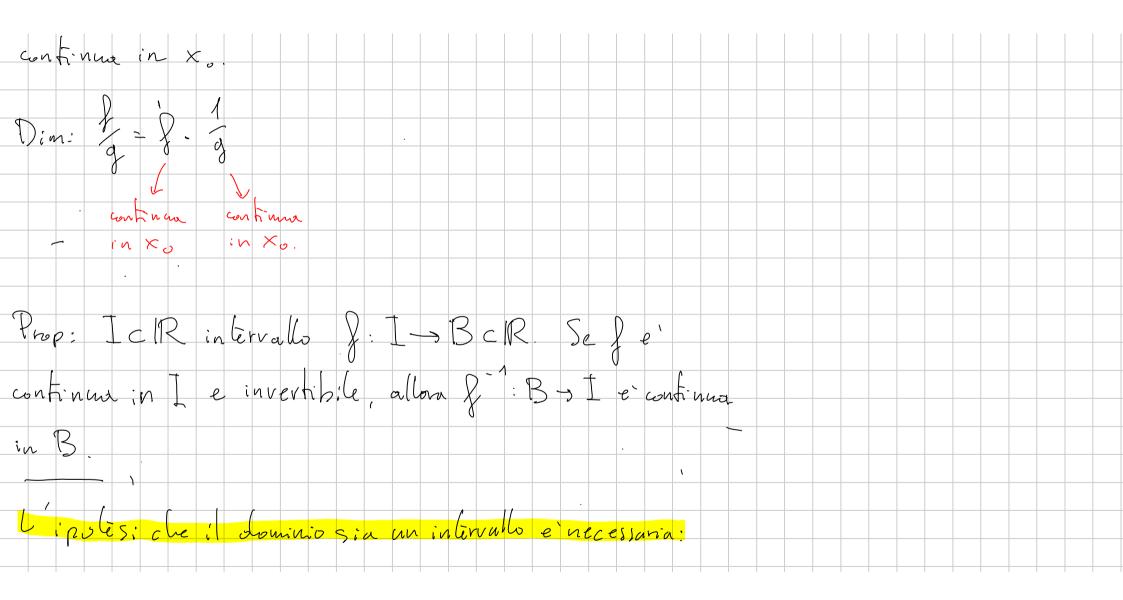


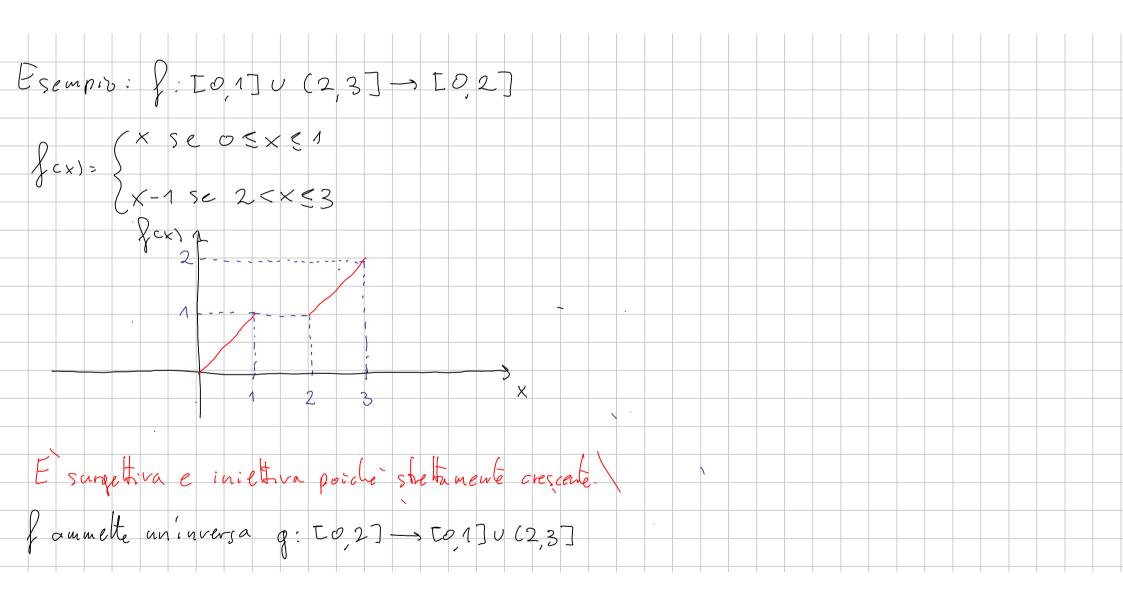


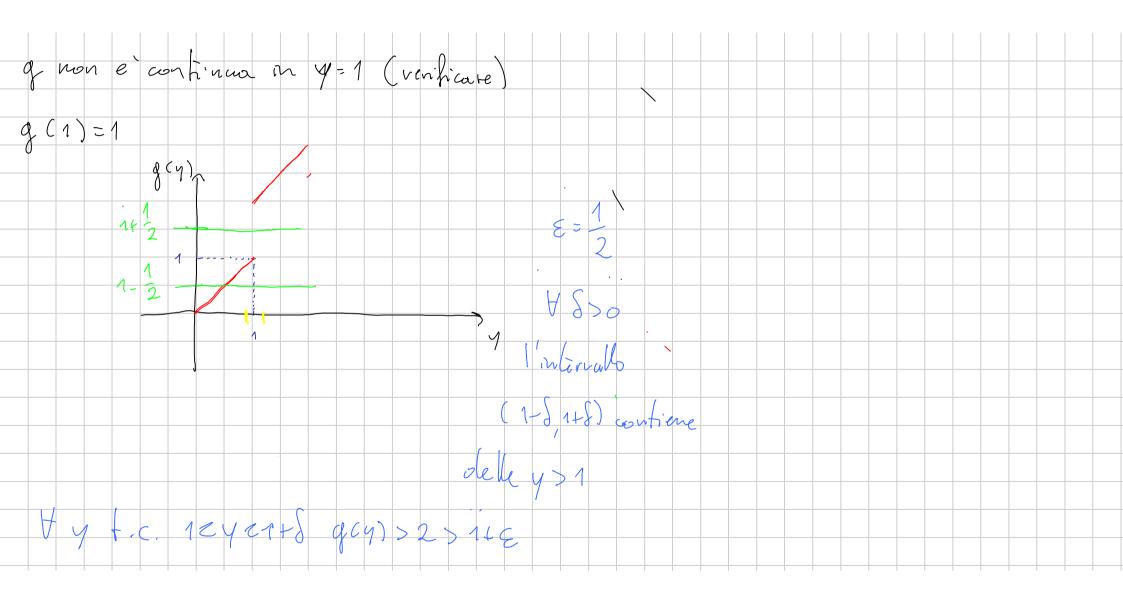






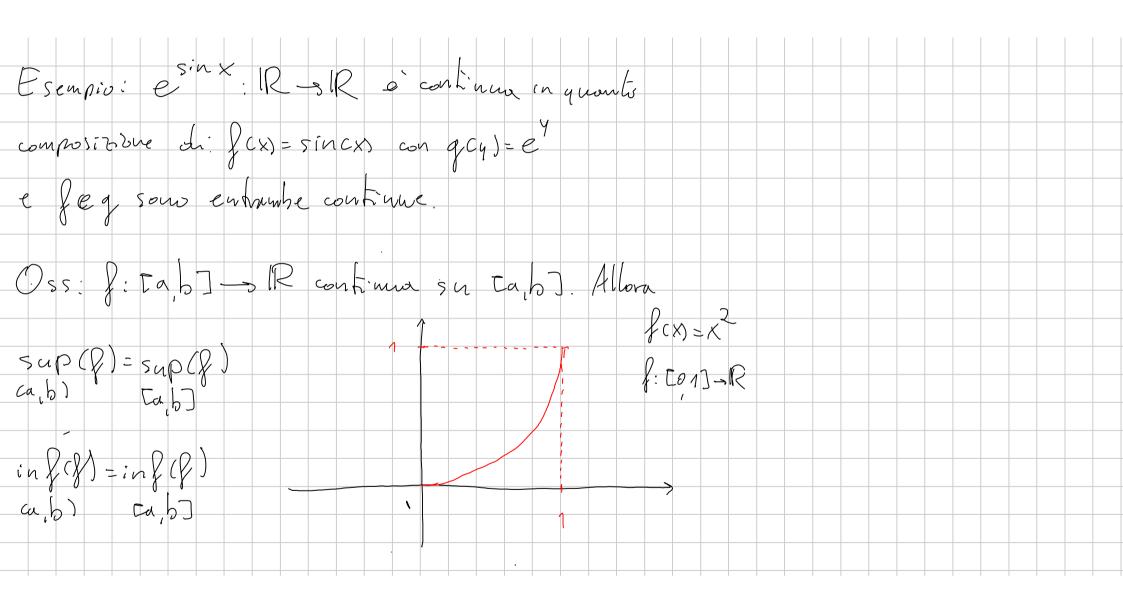






Continuità delle punzioni elementani	
olinoun's our funtion continue.	
de function rationalisseme continue sul low insieure d.	
definitive	
Funzioni razional PCX = PCX) q(x) P. q polinomi	
$\frac{1}{2} \left(\frac{1}{2} \right) $	
Jasse definition su IR Extuliable qcx =0}.	
Assumendo de e, sin x, cos x siano contine,	

tanx = e continue su {cosx to} arctanx aretin: P - (-tt 17) Trovenna: J. A. B. g. B. R., x. EA, y. JCX.) Se je continua in x e g è continua in y allora
goj. A - R è continua in x.



 $Sup f(x) = max f = 1^2 = 1.$ Sup f(x) = Sup (f(0,1)) = Sup (o,1) = 1 - mon i max co,1).Def. ACIR, J. A. R un punto x EA si dice punto di minimo lo cule (o panto di minimo relutivo) se 3 So t.c. V x t.c. 1x-x 1 e S vale $f(x) \ge f(x_0)$

