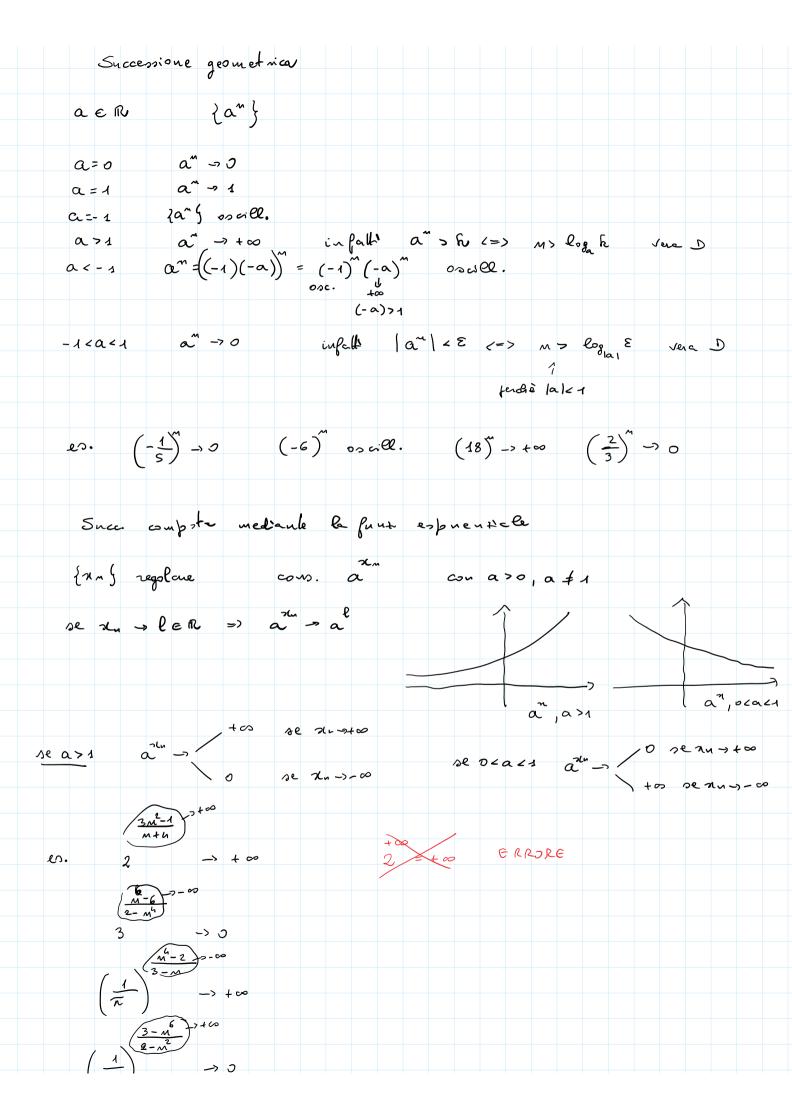
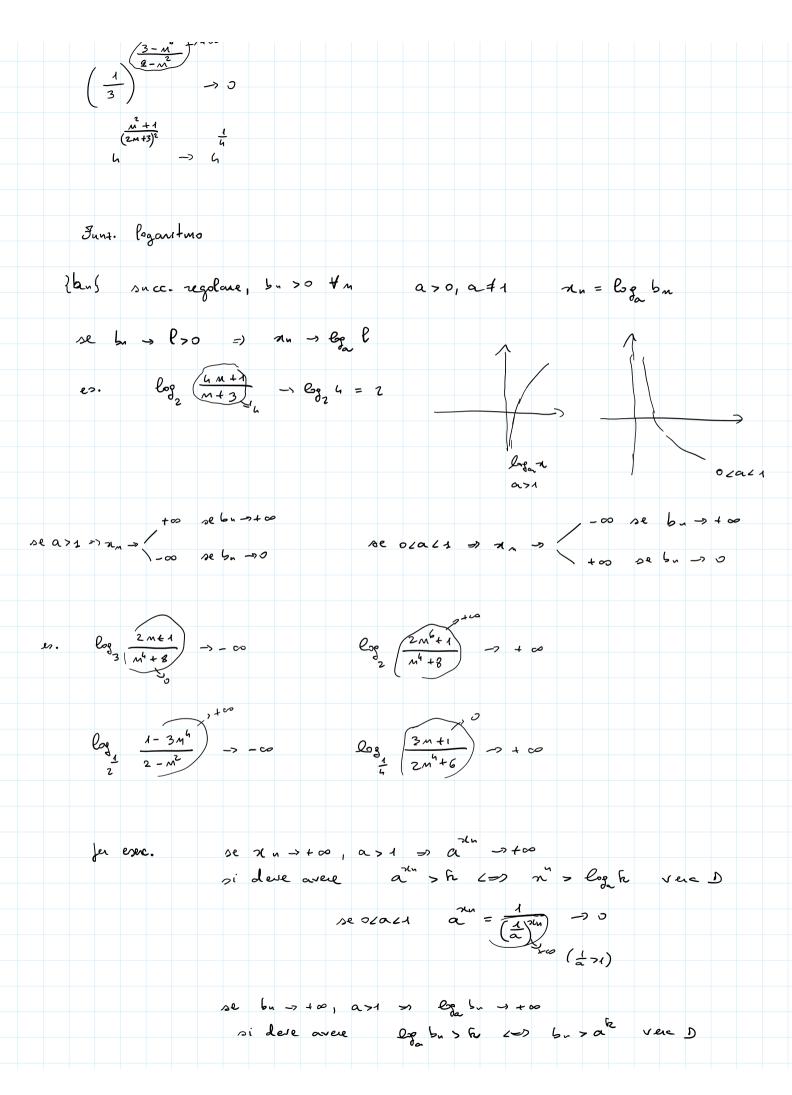
21 marzo 2025 nedi 31 marzo 2025 13:04
$f.i.$ $+\infty-\infty$, $0.\infty$, $\frac{0}{0}$, $\frac{\infty}{\infty}$
2 = 0 ERRORE GRAVE
51 5 6 6 6 6 6 6 6 6 6 6
SI SCRIVE COST $\frac{2}{m} \rightarrow 0$
PROP. IP f: X -> R X = R f funt. elementare
{a, g s x a, s l e x
75 f(an) -> f(P)
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
es. $\frac{M}{2m+1} \rightarrow \frac{1}{2}$ (vediens il perchà)
\(\frac{M}{2m+1} \) \(\C \) \(\frac{1}{2} \) \(\frac{M}{2m+1} \) \(\frac{M}{2} \) \(\frac{1}{2} \)
Limiti d' succ espresse medicale fina. elementario
Succ. plensa na d ENU
$\lambda = 0$ $\Lambda^{\circ} = 1 \rightarrow 1$
d>0 M -> + a infall M > R <=> M > R D vera
M = 1 + 2 togate M = 10 <= > M > 2 togate
$d>0$ $M \rightarrow + \alpha$ infall $M > k <=> M > k^{\frac{1}{d}}$ $M \rightarrow 0$ $M \rightarrow 0$ $M \rightarrow 0$
O0 P P-1
Polinomio $\chi_n = a_0 m + a_1 m + \dots + a_p m + a_p = a_0, \dots, a_p \in \mathbb{R}$
a seconda dei segui dei eseff si juo avere una f.1. 100-00
$\left(es. 3m^{4} - 6m^{3} + 2m^{2} - 5m + 8\right)$
$\gamma = \frac{1}{4} / (a_1 + a_1 + a_2 + a_2 + a_3 + a_4)$
$\chi_{m} = \frac{1}{m} \left(c_{40} + \frac{a_{1}}{m} + \frac{a_{2}}{m^{2}} + \dots + \frac{a_{4}}{m^{4}} \right) $ $+ c_{0} \qquad \qquad$
+00 0 0 0
~

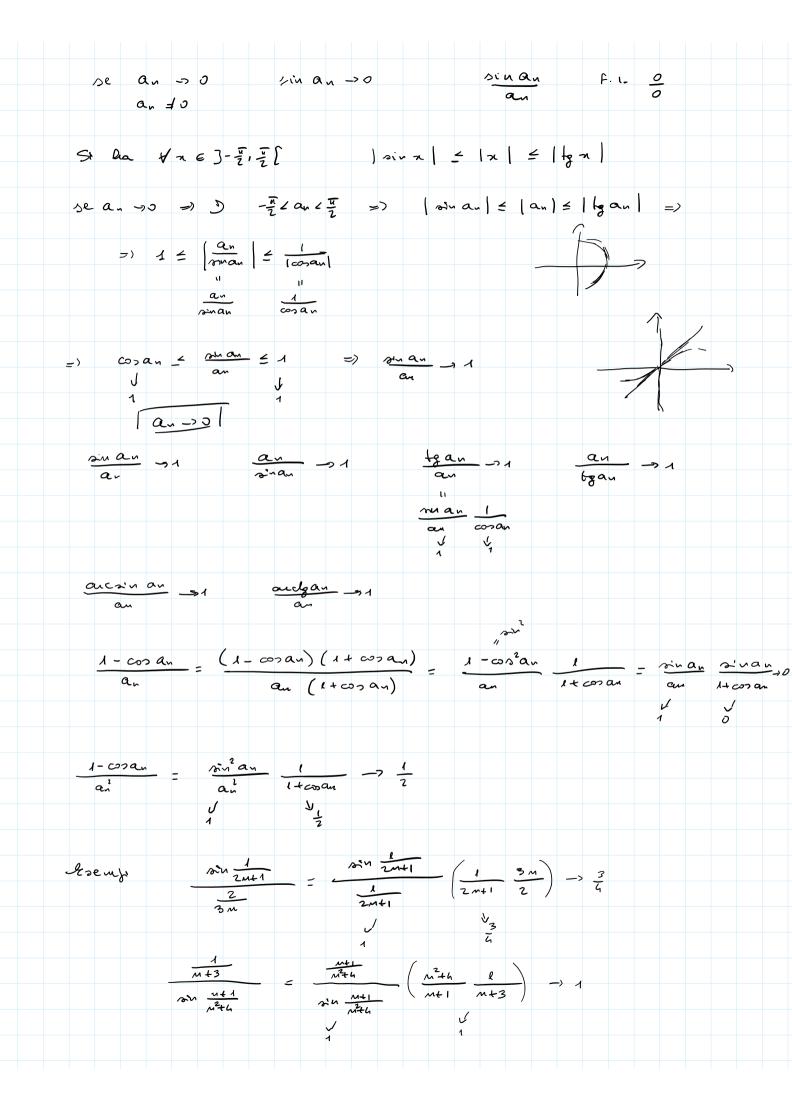
iy as		400	0 0	0
1 + co se as	>0			
1 - o se as	20			
i plinsmi divergo no SEMP. coefficiente del termine di	RE. Il segue della grado massimo.	dregente	è il segu	o del
es. (3) - 2 m² - 6 m -	- 3 -7 + 00			
m ³ + 2 m ² + 6 m/-	3 m -> -a-			
Funt zazionali frat	le (rédoble ai mini	mi tambii)		
2n = aon + + ap bon 9 + + bq	ai, bj e	N bot	o þe n	No q e m
$ \frac{1}{2} \operatorname{una} f. l. \frac{2}{2} \frac{1}{2} \frac{1}{2$	p-q a +	+ ap		
n (bo + - 1 + bg)	bo +	1 <u>5a</u>		
	1 2 p= 6 4 2 2 p 2 6 0 2 p 4 6			
	$\Rightarrow \frac{\alpha_0}{b_0}$	bo concordi,	- 50 00 00	(a. dias.)
		,		
	, 0			
es. $\frac{3n^2 - 5n + 1}{(n+2)^2} \rightarrow$	$\frac{-2m^{4}-}{3m^{4}+5}$		- 2	
$\frac{3n^2 - 5n + 1}{(m+z)^5} \rightarrow 0$	3 m² - 5	m + 1		
(M+z)	$3m^2-5$ $M-3$		+ cs	
$3n^2 - 5n^4 + 1 \longrightarrow -$	∞ 3 m ² < 5		-> + 00	
$m^2 + 8$	m²(-8,	u ² 1 3		
Successione geometric	va /			





Se 02a 21 $\log_{10} \log_{10} = (\log_{10} \frac{1}{2})(\log_{10} \log_{10}) \rightarrow \infty$ $= -1 \qquad $
de an -> a allow { cos and, { sin a si, } to a my some non regolani
Consora una succe del HP an con an >0, an \$1, \text{\$\frac{1}{2}\$ an \$\frac{1}{2}\$, \$\frac{1}{2}\$ segolari Picordienno de se x >0 x = e quindi
by $a_n = e$ $= e$
Si evai une f. 1. se dè une f. 1. nel probbb br Bgan br 30 logan so cioè an so opp an s +00 f. 1. 00, (+00)
log $a = -70$ cioè $a_n \rightarrow 1$ $f \cdot 1$. 1^{∞} Le $f \cdot 1$ albra sous: $+\infty - \infty$, $0 \cdot \infty$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$
log bn bn >> \text{\forman >> \text{\forman >> \text{\formall v}, \angle an \forman \forman \text{\forman \text{\forman \forman \text{\forman \forman \text{\forman \forman \
$\log_{2n} b_n = (\log e)(\log b_n) = \frac{\log b_n}{\log a_n}$
$a_n = \left(1 + \frac{1}{n}\right)^n \text{si presenta nella f.i. } 1^{\infty}$ Si jus dim. che { an } è strett. crescente e an < 3 $\forall n$
quind onverge, and no numero <3 , the chiamicans e $Def. e = Dm \left(1 + \frac{1}{n}\right)^m \qquad Si \notin e e \notin \mathbb{R}$
50r. 2 - 0m (x x) 81 42 2 4 42

Si jus dim. Ale of m, so allow
$$\left(1+\frac{1}{4}\right)^{2n-1}$$
 of $\left(1+\frac{1}{4}\right)^{2n-1}$ of $\left(1+\frac{1}{4}$



			(2	м²+	3)	n	(u	_M M ³ +	<u> </u>	1-	\rightarrow \frac{1}{2}	M M3+1	u + 1	- (M ² +	1	(2	^² +	3)	→	Z		
		(2									2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m	1 ! M_ + 4			-M								
		,	ร [ั] น	2 M+ M- 3/3+	3						1											 » 12	
		1	- co	N3 4	2 +1 +1 -2	,		_	> -) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \											
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