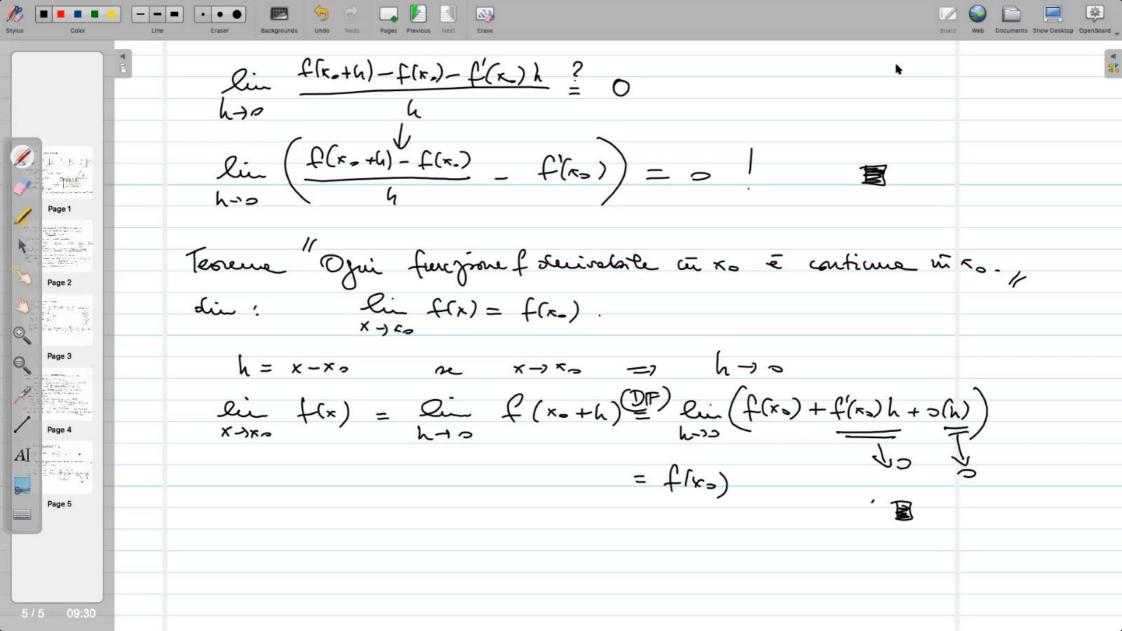
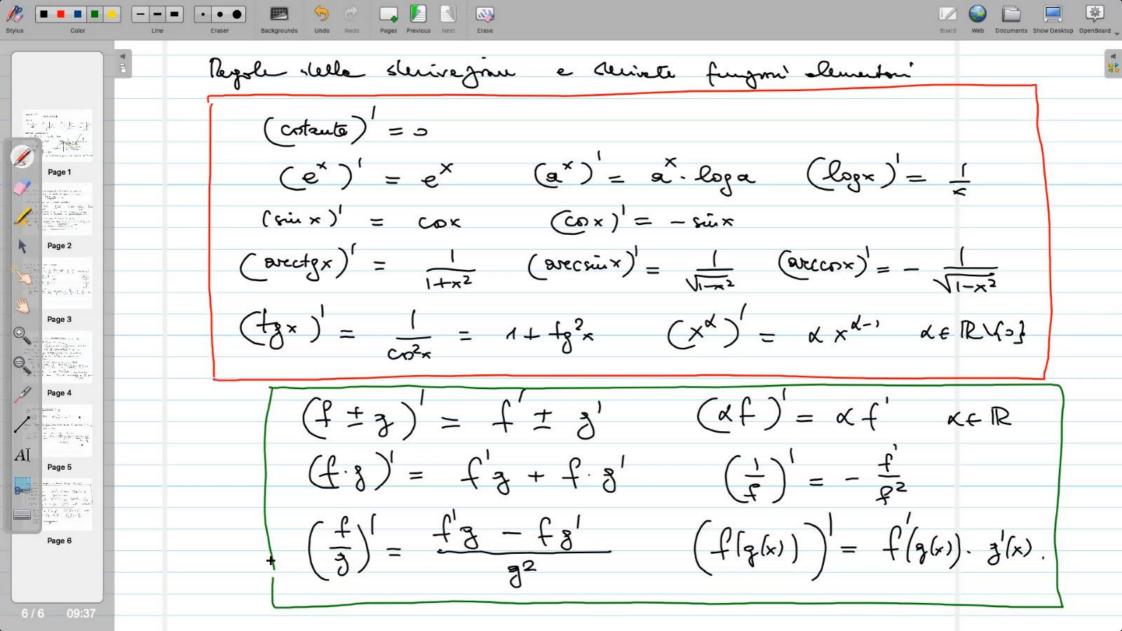
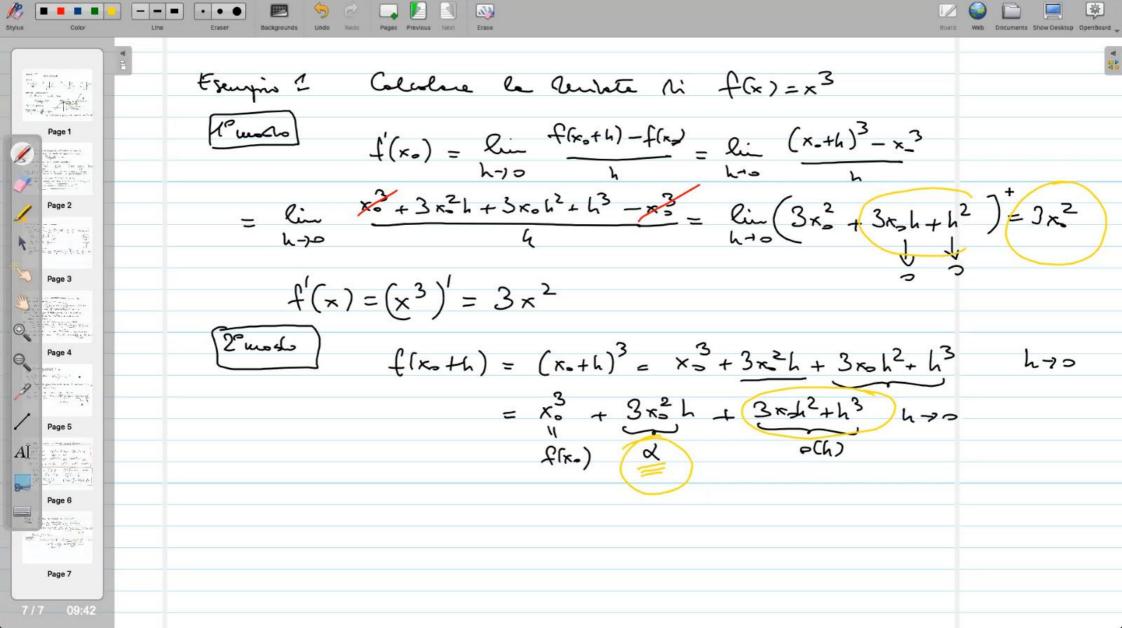
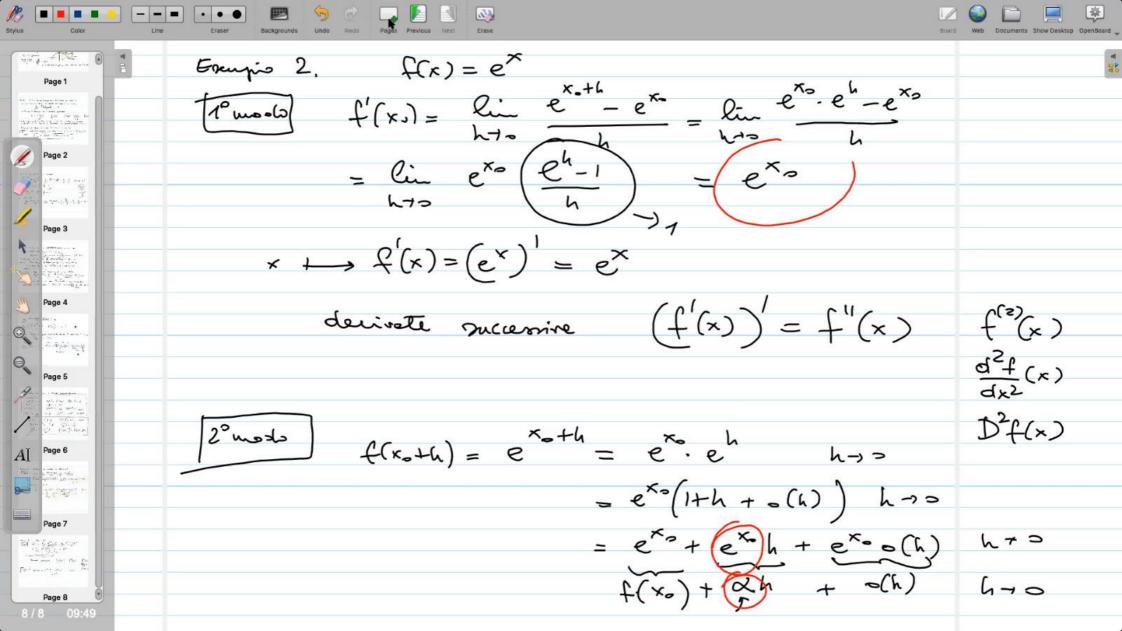


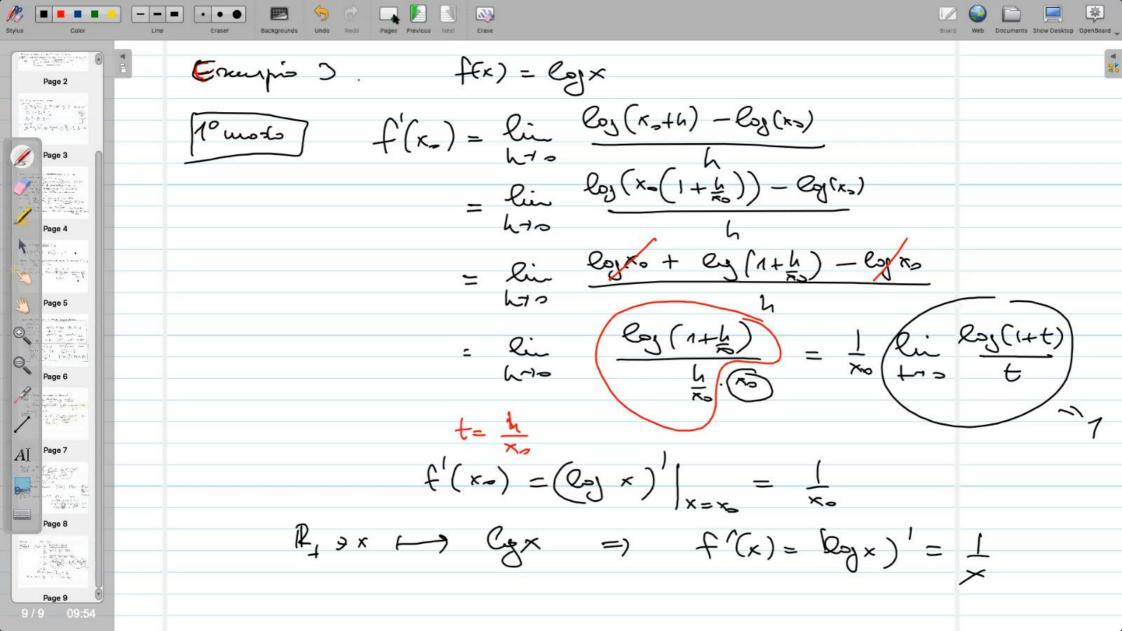
DEF 12.2. Si lice le f & DIFFERENZIABILE in xo re einte de IR fale cle f(xo+h) = f(xo) + xh + o(h) h→o (DIF) ← In tel con d e Nexto il DAFFERENZIACE ni f ii so Teoure "Une fun joine f'éstifferen juhice ui so se e solo se f à cleivabile à ra. holtre, se queste à reus allre $\alpha = f'(x_0)$. din: (=) Supp of sie Niftenn zuhrle ni 5 (DIF) $\lim_{h\to 0} \frac{f(\kappa_0+h)-f(\kappa_0)}{h} = \lim_{h\to 0} \frac{dh+o(h)}{h} = \lim_{h\to 0} \left(d+\frac{o(h)}{h}\right) = d$ (=) ha f serivetile in xs om f'(x) enote, deur timostrone de ree (DIF) sure f(x₂+h)-f(x₀)-Qh = -(h) h→0

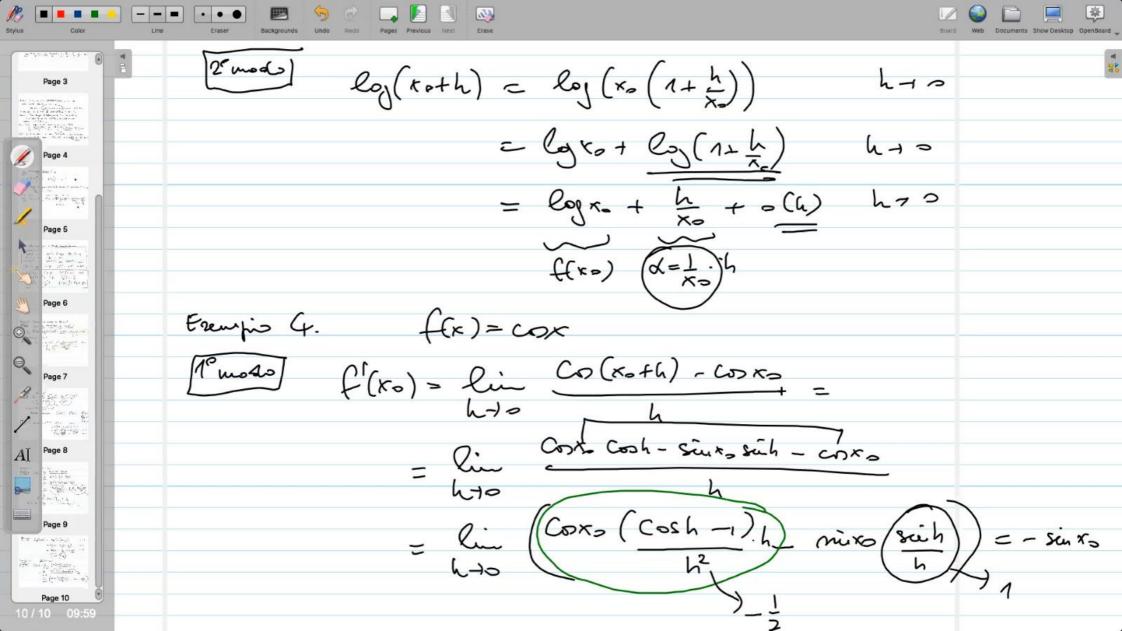


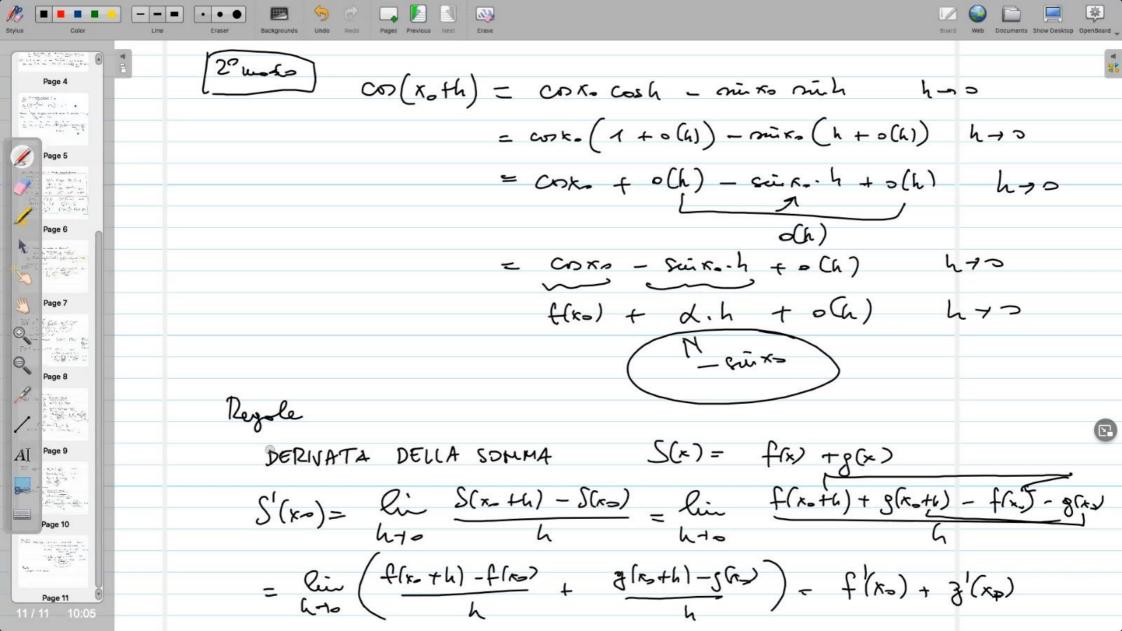


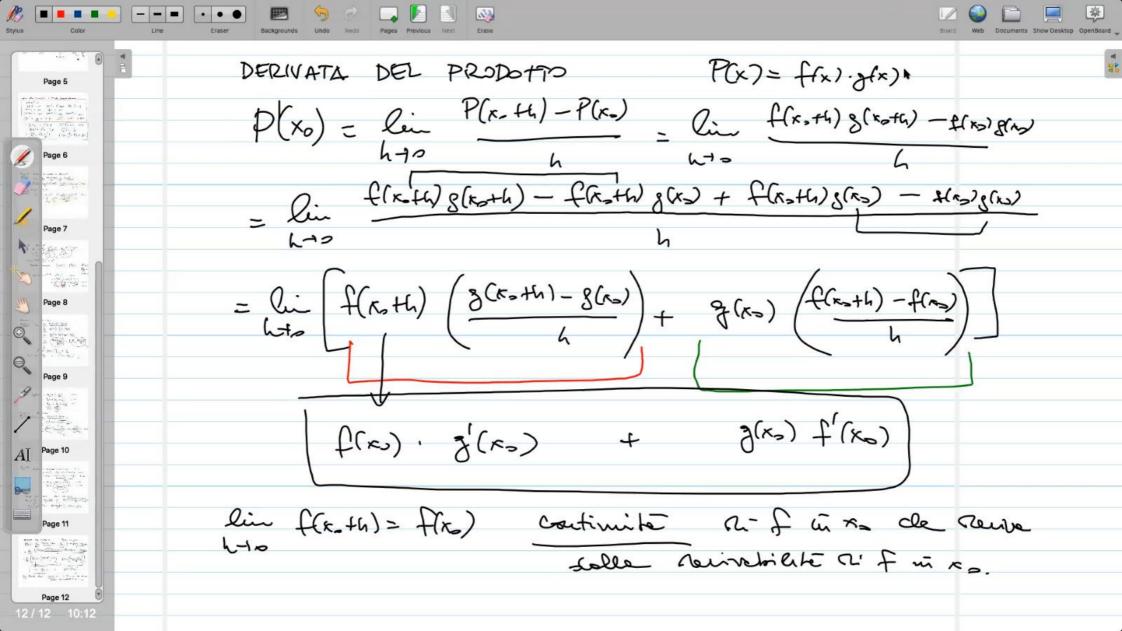












DEPIVATA DEL RECIPROCO

$$R(\kappa) = \frac{1}{f(\kappa)}$$

$$R(\kappa) = \lim_{k \to \infty} \frac{1}{h} \frac{f(\kappa)}{h} - \frac{1}{f(\kappa)}$$

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$$R(\kappa) = \lim_{k \to \infty} \frac{1}{h} \frac{f(\kappa)}{h} - \frac{1}{h} - \frac{1}{h} \frac{1}{h}$$

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$$R(\kappa) = \lim_{k \to \infty} \frac{1}{h} - \frac{1$$

FOR PROPERTY IN COSE (
$$\frac{1}{9}x$$
) = $\frac{1}{(20)x}$ = $\frac{1}{(20$

= ((x3) + f'(s(x-)) s'(x-) h + o(h) + o(g'(x)h) + o(o(h)) = C(x0) + (f(g(x-1))g(x=))h x o(a) L75 (P(g(x))) = F'(g(x)) - J'(x) REGOLA DELLA CATENA PUNGIONE INVERSA DERIVAZIONE c g sono incre me dell'altre ellora Page 15

$$\begin{cases} f(s(x)) = f(x) \\ f(s(x)) = f(s(x)) \\ f(s(x)) =$$

