FUNZIONI GONLOMETRICHE

$$y = \frac{2 \operatorname{sen} n - 1}{\cos^2 n - 1}$$

$$\frac{CE}{n \in (0; \overline{u}) \cup (\overline{u}; 2\overline{u})}$$

limite
$$\lim_{n \to 0^+} f(n) = \lim_{n \to 0^+} \frac{2s\ln n - 1}{-seu^2n} - \frac{-1}{0^-} = +\infty$$

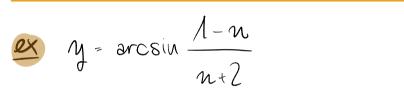
$$\lim_{n \to \bar{n}} f(n) = \lim_{n \to \bar{n}} \frac{2s\ln n - 1}{-seu^2n} - \frac{-1}{0^-} = +\infty$$

$$\lim_{n\to 2n^{-}} S(n) = +\infty$$

Fou derivate

TUNZIONI INVERSE DELLE GONIO METRICULE

M = ± 1

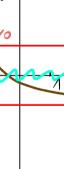


graficomente $y = \frac{1-n}{n+2}$

intersecto con







$$\mathcal{W}_{o}$$

arcsin
$$\frac{1-n}{n+2}=0$$
 so $n=1$

$$B(1,0)$$

$$y = \arcsin \frac{1}{2}$$
 ~ $n = \frac{\pi}{6}$ (l'ancoseno ha codominid limitato)

$$\lim_{n\to+\infty} f(n) = -\frac{\pi}{2}$$

$$A.O.dx: y = -\frac{\pi}{2}$$

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$$\left(\frac{1-n}{n}\right)$$
 ... no max o u

 $C(0, \frac{1}{6})$

$$\mathbf{M}' = \frac{1}{\sqrt{1 - \left(\frac{1 - n}{n + 2}\right)^2}} \cdot \mathcal{D}\left(\frac{1 - n}{n + 2}\right)$$



es y= arctoun +n