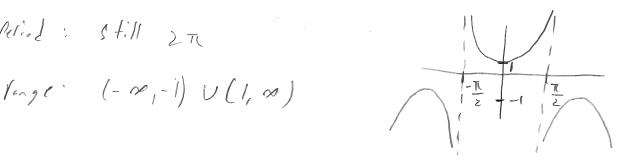
$$Scc(x) = \frac{1}{(osky)}$$
, $Csc(y) = \frac{1}{sin(x)}$

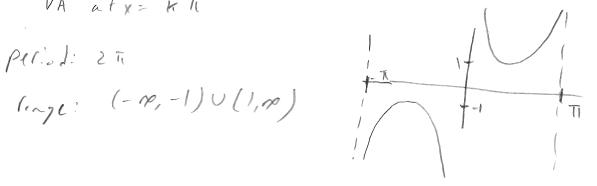
Zeles of shelasine ale the VA el coseant/secnt.

Pelial: Still 27



For escly): sin(x) = o at kT

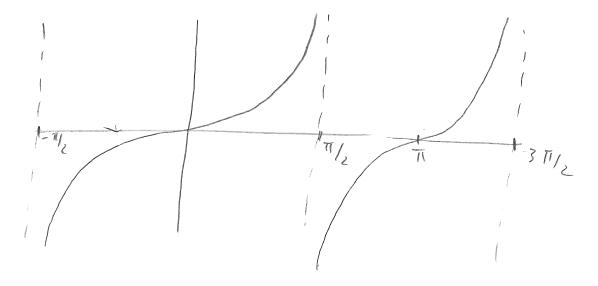
VA afx= KT



Note: period of seeds and coebs is still 27 Local max .f -1 and local min of 1 for Joth.

$$f(x) = \frac{\int_{0}^{1} h(x)}{(cs(x))}$$

VA when
$$(cs(x)=c)$$
 (i.e. $x=\frac{\pi}{2}+k\pi$)
Zelos then $sin(x)=c$ (i.e. $X=k\pi$)



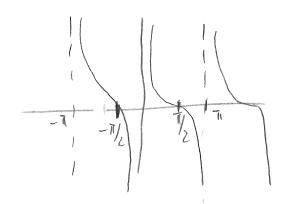
Derain: all X except # + to 11

pelial: T

[-gl: (- 12, 12)

No local extra.

VA when
$$\sin(x)=0$$
 (i.e. $x=k\pi$)
 $\frac{\pi}{2}(G)$ when $\cos(x)=0$ (i.e. $x=\frac{\pi}{2}+k\pi$)



$$8\frac{7\pi}{4} = 88\pi - \frac{\pi}{4} = 22\pi - \frac{\pi}{4}$$

So,
$$tan(8\frac{7.71}{4}) = tan(-\frac{7}{4}) = -1$$

B/c, by reference angles, know that

$$cus(-\frac{7}{4}) = \frac{\sqrt{2}}{2}, sin(-\frac{7}{4}) = \frac{\sqrt{2}}{2}$$

