

Reg. ux
$$\sqrt{3}$$
 $\sqrt{3}$ $\sqrt{3}$

B) Vis at
$$tan^{+2} x = tan^{-1} x \left(\frac{1}{a^2x} - 1\right)$$

os but little oil of nix at

$$I_{n+2} = \frac{1}{n+1} - I_n \quad (k' x)$$

Visu (k). $tan^{-1} x = tan^{-1} x \quad tan^{-1} x$.

$$tan^{-1} x = tan^{-1} x \quad tan^{-1} x$$

c) Vis y inhabition at
$$I_{2n+1} = \frac{(-1)^n}{2} \left[\ln 2 - \left(1 - \frac{1}{2} + \frac{1}{3} - \frac{1}{4} + \dots + \frac{(-1)^{n+1}}{n} \right) \right]$$

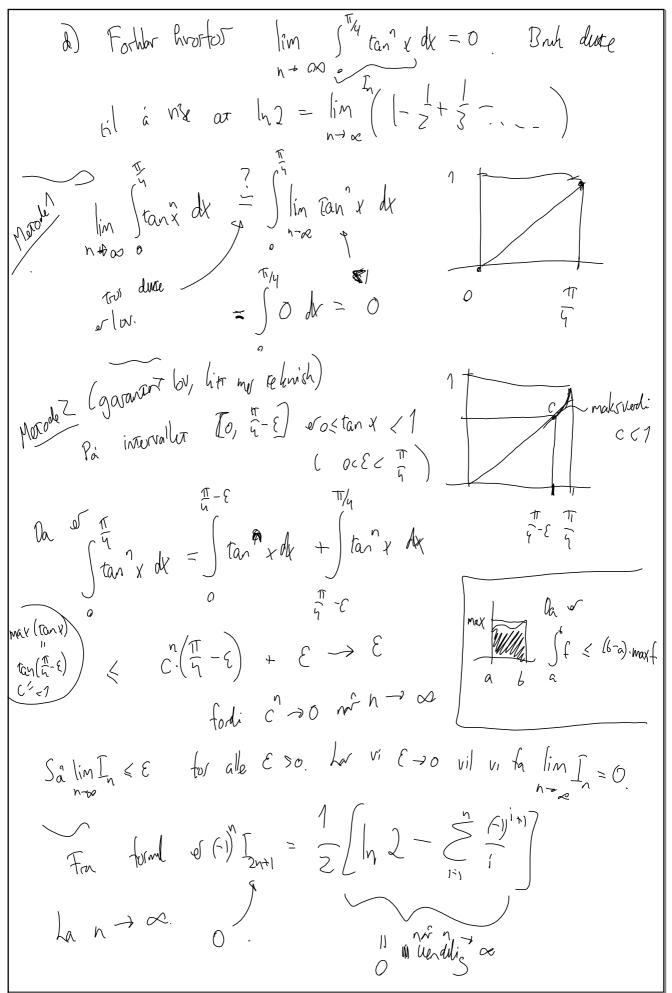
for $n = 1, 2, \dots$

Saw $I_{2n+1} = \frac{(-1)^n}{2} \left[\ln 2 - \frac{1}{2} + \frac{1}{3} - \frac{1}{4} + \dots + \frac{(-1)^{n+1}}{n} \right]$

Thus, builting $I_{2n+1} = \frac{1}{2} \left[\ln 2 - \frac{1}{2} + \frac{1}{3} - \frac{1}{4} + \dots + \frac{(-1)^{n+1}}{n} \right]$

Thus, builting $I_{2n+1} = \frac{1}{2} \left[\ln 2 - \frac{1}{2} + \frac{1}{$

nov 18-09:21



nov 18-09:46