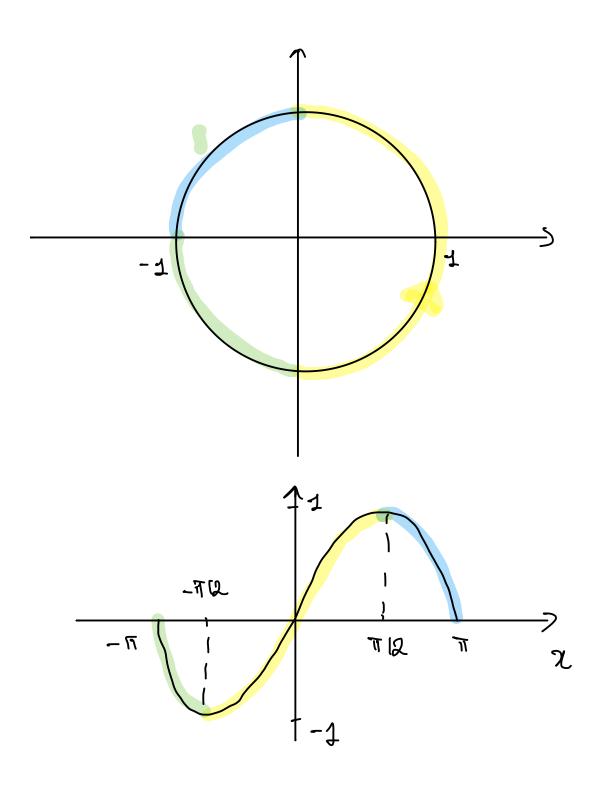
Projet PTS



0-0,064	0-0,44	0,82-3,008	2,88 - 4,032	3,504+41915
30	350	2500	1200	400

3.2.1 a natype

$$P(\bar{v}) =$$

$$\bar{\chi} = 2\bar{\chi}$$
 = $\bar{\chi}$ $\bar{\chi}$

$$P(\bar{x}) = ax + bx + cx$$

$$P(\bar{x}) = ax + bx + cx$$

$$P(\bar{x} = 1) = a + b + c = P(x = 1/2) = 8in(\frac{\pi}{2}) = 1$$

$$x = \frac{\pi}{2}$$

$$a + b + c = 1$$

$$a + b + c = 1$$

P(x)= 8in (

$$p'(\bar{x}=2) = a + 3b + 5c = \bar{x} \cos(\bar{x}) = 0$$

$$\begin{cases} a+b+c=1\\ a+3b+3c=0 = 1 \end{cases} b = 1-a-c$$

$$a+3-3a-3c+5c=0$$

$$b=1-a-c$$

$$a+3-3a-3c+5c=0$$

$$b=1-a-(-a-\frac{3}{2})$$

$$b=1-a-\frac{3}{2}$$

$$2c=2a-3$$

$$2c=2a+5/2$$

$$c=a-\frac{3}{2}$$

$$P'(V=0)=(a+3b\sqrt{2}+5c\sqrt{4})_{\tilde{I}=0}=(\sqrt{2}\cos \frac{1}{2}\cos \frac$$

$$C \cdot) P'(\bar{x} = 0) = (\alpha + 3b\bar{x}^2 + 5c\bar{x}^4)_{\bar{x} = 0} = (\frac{\pi}{2}\cos[\frac{\pi}{2}\bar{x})]_{\bar{x} = 0}$$

$$=) \alpha = \frac{\pi}{2}$$

$$= (-\cos(\frac{\pi}{2}\bar{x})) = \frac{\pi}{2}$$

$$= (-\cos(\frac{\pi}{2}\bar{x}) + \cos(0))$$

$$= (-\cos(\frac{\pi}{2}\bar{x}) + \cos(0))$$

$$= (-\cos(\frac{\pi}{2}\bar{x}) + \cos(0))$$

$$\int_{0}^{1} p(\bar{n}) d\bar{u} = \frac{2}{\bar{n}}$$

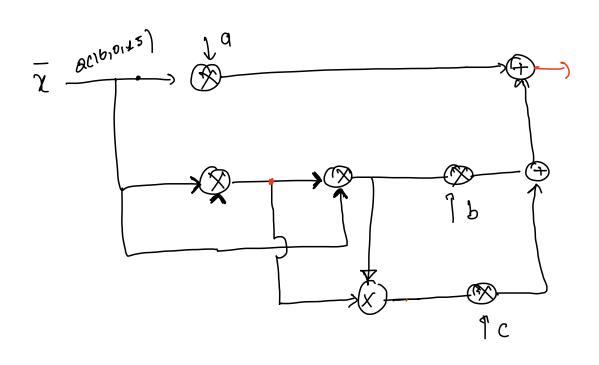
$$\int_{0}^{1} p(\bar{x}) d\bar{x} = \int_{0}^{1} \alpha \bar{x} + b \bar{x}^{3} + c \bar{x}^{5} dx$$

$$= \int_{0}^{1} \alpha \bar{x}^{2} + b \bar{x}^{3} + c \bar{x}^{5} dx$$

$$= \int_{0}^{1} \alpha \bar{x}^{2} + b \bar{x}^{3} + c \bar{x}^{5} dx$$

$$= \frac{\alpha}{2} \bar{x}^{2} + \frac{b}{4} + \frac{b}{4} + \frac{a}{5} + \frac{a}{2} + \frac$$

$$P(\bar{x}) = a\bar{x} + b\bar{x}^3 + c\bar{x}^5 = 0$$



Jynamipue de sotté de
$$P(\overline{1})$$
:

 $-1 \leq \overline{\chi} \leq 1$
 $-1 \leq \overline{\chi} \leq 1$
 $-1 \leq \overline{\chi} \leq 1$
 $0.\overline{\chi} \in [-1.56]1.56$
 $5\overline{\chi}^3 \in [-0.63,0.63]$
 0.63
 0.63
 0.63
 0.63
 0.63

$$\bar{a} = 0$$
 (16,0,15)
 $a = 1,56 \implies Q_a(16,1,14)$
 $b = -0,63 \implies Q_b(16,0,15)$
 $c = 906 \implies Q_c(16,-4,19)$

 $\overline{\chi} \cdot a = \Omega_{\overline{\chi} \cdot a} (32, 12, 29) = \Omega_{\overline{\chi} \cdot a} (16, 2, 13)$ $\overline{\chi}^{3} \cdot b = \Omega_{\overline{\chi}^{3} \cdot a} (32, 12, 30) = \Omega_{\overline{\chi} \cdot b} (16, 114)$ $\overline{\chi}^{3} \cdot c = \Omega_{\overline{\chi}^{3} \cdot c} (32, 12, 30) = \Omega_{\overline{\chi}^{3} \cdot c} (16, 114)$

