

=) Same as Smd = 0. 0 - WTT Sm 0 + cn 0 = 1 a sm0+ bcos0

(Multiply and divide by $\sqrt{a^2+b^2}$ $\sqrt{2}$ cm (x+0)=1 $= \sqrt{a^2+b^2} \left[\frac{a}{\sqrt{a^2+b^2}} \operatorname{cn}\theta + \frac{b}{\sqrt{a^2+b^2}} \operatorname{cn}\theta \right]$ Cond = Rather Sound = 1 = Cond, = Na2+18 [and smot smd cno] Sind = 5 く= 世 = \(\sigma^2 + b^2 \) Sw (x+0) Cm (O+ T/4) = 1/2. $\operatorname{Sm}\left(0+\pi/4\right)=\operatorname{Sm}\left(\frac{\pi}{4}\right)$ 0+T/y= NTT+(-1) # 0 = n TT + (-1) TT - TT 0 = NTI + TT [(-1)^-] $2 \text{ sm}^2 \theta - 3 \text{ sm} \theta + 1 = 0$ $2 \sin^2 \theta - 2 \sin \theta - \sin \theta + 1 = 0$ 28m0 (Cmd-1) -1 (8m0-1) = 0-(8ml-1) (26ml-1) =0 Sm0 = $1, \frac{1}{2}$ Sm0=1.

Sm0=1

$$\theta = n\pi + (-1)^n \frac{\pi}{6}$$

$$\theta = (4nt1) \frac{\pi}{2}$$

$$\theta = n\pi + (-1)^{n} \frac{\pi}{6}$$

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$$\theta = n\pi + (-1)^{n} \frac{\pi}{6}$$

$$2n\pi + \pi/2$$
, $2n\pi + \pi/6$, $(2n+1)\pi - \pi/6$

$$2sm^2\theta + 2sm\theta - 3 = 0$$

$$sm\theta = -\frac{2 \pm 2\sqrt{7}}{4} = -1 \pm \sqrt{7}$$
 $\frac{-1+2.6}{2} = 0.8$

$$0 = n\pi + (-1) \left[8m^{-1} \left(\frac{(3-1)}{2} \right) \right]$$

$$\frac{-1+2.6}{2} = 0.8$$

$$-1-2.6 = -1.8$$

$$(-1)^{2} = (1)^{2}$$

$$\sqrt{1-8m^{2}0} = 1-8m0.$$

$$\sqrt{-9m^{2}0} = 1+9m0.$$

$$2 \text{ sm}^2 0 - 2 \text{ sm} 0 = 0$$

$$smo(smo-1)=0.$$

$$Sm(0+TT/h) = \frac{1}{\sqrt{2}}$$

$$\delta m\theta = 0, 1$$
 \rightarrow $\theta = n\pi$, $(4n+1)\pi$

$$\int \frac{dn}{s_{mx}+u_{n}n} = \int \frac{dn}{s_{x}s_{m}(n+v_{y}|u)}$$

$$= \int \frac{dn}{s_{x}s_{m}(n+v_{y}|u)} dn$$

$$= \int \frac{dn}{s_{x}s_{m}(n+v_{y}|u)} dn$$

1.
$$\sin \theta = 0 \Leftrightarrow \theta = n\pi$$

2.
$$\cos \theta = 0 \Leftrightarrow \theta = (2n+1) \frac{\pi}{2}$$

3.
$$\tan \theta = 0 \Leftrightarrow \theta = n\pi$$

4.
$$\sin \theta = \sin \alpha \iff \theta = n\pi + (-1)^n \alpha$$
, where $\alpha \in \left[-\frac{\pi}{2}, \frac{\pi}{2} \right]$

5.
$$\cos \theta = \cos \alpha \Leftrightarrow \theta = 2n\pi \pm \alpha$$
, where $\alpha \in [0, \pi]$

6.
$$\tan \theta = \tan \alpha \Leftrightarrow \theta = n\pi + \alpha$$
, where $\alpha \in \left(-\frac{\pi}{2}, \frac{\pi}{2}\right)$

$$8m^{2}0 = 8m^{2}d$$
. Whenever you have $8m^{2}0$ or $cn^{2}0$
 $28m^{2}0 = 28m^{2}d$.

 $1 - cn^{2}0 = (-cn^{2}d)$.

 $2n^{2}0 = 2n\pi + 2d$
 $2n^{2}0 = 2n\pi + 2d$