Math 407 October 15, 2008

$$SIN(a+b) = SIN(a)cos(b) + cos(a)SIN(b)$$

$$cos(a+b) = cos(a)cos(b) - sin(a)SIN(b)$$

$$SIN(\pi/2 - \chi) = cos(\chi)$$

$$SIN(\frac{\pi}{2} - (a+b)) = 1 cos(-(a+b))$$

$$SIN(\frac{\pi}{2} - (a+b)) = 0s$$

$$SIN(\frac{\pi}{2} - (a+b)) = 0s$$

$$(os(a+b) = sin(\frac{1}{2}-(a+b))$$

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

$$= sin((\frac{1}{2}-a))(os(-b)+(os(\frac{1}{2}-a)sin(-b))$$

$$= (os(a))(os(b) - sin(a))sin(b)$$

$$\cos(\theta) = \frac{\zeta}{\varphi}$$

$$2w(\theta) = \frac{\zeta}{\varphi}$$

$$(\frac{\zeta}{\varphi})_{x} + (\frac{\zeta}{\varphi})_{z} = 1$$

$$\sqrt{\frac{\zeta}{\varphi}} = \frac{\zeta}{\varphi}$$