

$$A = \frac{1}{2}(S_2 - S_n)$$

$$B = \Pi - 2\Theta$$

$$(2c)^2 = S_n^2 + S_1^2 + -2S_n S_2 \cos B$$

$$c^2 = a^2 + b^2$$

$$4a^2 + 4b^2 = S_n^2 + S_2^2 - 2S_n S_2 \cdot \omega S (\Pi - 2\Theta)$$

$$a^2 = \frac{1}{4}(S_n^2 - 2S_n S_2 + S_2^2)$$

$$\omega S(\Pi - 2\Theta) = \omega S\Pi \cdot \omega S 2\Theta + Sin \Pi \sin 2\Theta$$

$$\omega S 2\Theta = \omega^2 Q - \sin^2 \Theta = 2\omega^2 \Theta - n$$

$$S_n^2 - 2S_n S_2 + S_2^2 + 4b^2 = S_n^2 + S_2^2 + 2S_n S_2 \cdot \omega S 2\Theta$$

$$4b^2 = 2S_n S_2 (\omega S 2\Theta + n)$$

$$4b^2 = 4S_n S_2 (\omega S^2 \Theta)$$

$$b^2 = S_n S_2 (\omega S^2 \Theta)$$

 $\frac{(S_2-S_n)^2}{(2x)^2} = \frac{S_n S_2 \cos^2 \theta}{y^2} = 1$