

$$\underline{\underline{\Sigma(y) = \Sigma(0) + f(y) \quad ; \quad f(y=0) = 0}}$$

$$= 2A(y) + \Delta(y)$$

$$= A(y) + B(-y) - \Delta(y)$$

$$+ \Delta(-y) = B(-y) + A(-y)$$

$$- A(y) + B(-y)$$

(a)

$$A(y) = B(-y)$$

$$B(y) = A(-y)$$

Conditions for
Ideal Fiddle

(b)

$$\underline{\underline{\Delta(x) = A(x) - B(x) = B(-x) - A(-x) = - (A(-x) - B(-x)) = -\Delta(-x)}}$$

(c)

$$\underline{\underline{\Sigma(-x) = A(-x) + B(-x) = B(x) + A(x) = \Sigma(x)}}$$

$$\underline{\underline{\Pi(-x) = \sqrt{A(-x)B(-x)} = \sqrt{B(x)A(x)} = \underline{\underline{\Pi(x)}}}}$$

