C. 1
$$Sin^{2}(\Theta) \cdot cos^{2}(\Theta) = \left(Sin(\Theta) + i \cdot cos(\Theta)\right) \left(Sin(\Theta) - i \cdot cos(\Theta)\right)$$

$$= e^{i} \cdot e^{i}$$

$$= e^{i} \cdot e^{i} \cdot e^{i}$$

$$= e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i}$$

$$= e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i}$$

$$= e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i} \cdot e^{i}$$

$$= e^{i} \cdot e^{i}$$

$$= e^{i} \cdot e^{i}$$

e is not one-to-one e.g. e = -1 VI = { e e e e e e e Sun = ei + eni + esi + esi + esi = 1 + (05 = + i sn(=) + (05 =) + i sn(=) + (05 =) + i sn(=) + (os(3)+i sin(-4) = 1 + 2 Cos 等 + 2Cos(写) + i Sin(智) - i Sin(智) - i Sin(智) - i Sin(智) = (+2 (05(25) +2 (05 (45) = 1 + 15 -1 - 15'-Product = e · e · e · e · e

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