$$(a(t) \cdot b(t))' = a'(t) \cdot b(t) + a(t) \cdot b'(t)$$
 $(a(t) \times b(t))' = a'(t) \times b(t) + a(t) \times b'(t)$
 $(a(t), b(t), c(t))' = (a'(t), b(t), c(t)) + (a(t), b'(t), c(t))$
 $+ (a(t), b(t), c'(t))$
混合稅、 $f(a \times b) \cdot c = (b \times c) \cdot a = (c \times a) \cdot b$

Thm: 沒 $a(t)$ 是处处非零的连续可微向量函数,
见(**) $a(t)$ 是变少 $a'(t) \cdot a(t) \equiv 0$

$$(|a(t)|^2 = a(t) \cdot a(t)) 定值 => iof*)$$
 $(a(t) \circ f(a) \circ f(a)$

 $ax(bxc) = (a \cdot c)b - (a \cdot b)c$