## 雅 2.8 (3)

由一致连续任定理或中(X)在Cald)上一致连续

73.1 (A)

4. 由(1)可称 
$$\varphi(x) = \frac{f(x) - f(x_0)}{x - x_0}$$

由(2)可知 Lim P(x) 店在且与 P(知) 租等

$$\frac{1}{4} \cdot \lim_{h \to 0} \frac{f(a+nh) - f(a-mh)}{h}$$

= 
$$\lim_{h\to 0} \frac{f(a+nh)-f(a)}{h} - \lim_{h\to 0} \frac{f(a-mh)-f(a)}{h}$$

$$= n \lim_{h \to 0} \frac{f(a+nh) - f(a)}{nh} + m \lim_{h \to 0} \frac{f(a-mh) - f(a)}{-mh}$$

= 
$$nf'(a) + mf'(a) = (m+n)f'(a)$$

9. 
$$f(a) = \lim_{\Delta x \to a} \frac{f(a+\Delta x) - f(a)}{\Delta x}$$