

CHAIN RULE QUESTIONS FROM CLASS

1. QUESTIONS FROM 308

The section that meets in Education.

1.1.

$$f(x) = 5x^2 \tan(x^3)$$

1.2.

$$g(X) = \frac{x^3 + 2}{\sin^3(x)}$$

1.3.

$$h(x) = x \sin(x \cos x)$$

1.4.

$$k(x) = \frac{x^3 + \cos(x)}{x^3 + \sin(x)}$$

2. QUESTIONS FROM 309

The section that meets in Van Vleck

2.1.

$$f(x) = x \tan(x^2)$$

2.2.

$$g(x) = \frac{x^2 \cos^2(x)}{1 + x}$$

2.3.

$$h(x) = \cos\left(\frac{1}{x \cos(\sqrt{x})}\right)$$

2.4.

$$k(x) = \left(\sin(x) + \frac{x}{\cos x}\right)^2$$