Kapitel 3.2

$$g'(\xi) = \left[\frac{\upsilon}{\upsilon}\right]' = \frac{\upsilon'\upsilon - \upsilon\upsilon'}{\upsilon^2} = \frac{0 \cdot \xi^2 - 1 \cdot 2\xi}{\xi^4} = \frac{\upsilon - 2\xi}{\xi^4} = \frac{2\xi}{\xi^4} = \frac{2\xi}{\xi^3}$$

$$g'(-\Lambda) = -\frac{\varrho}{(-\Lambda)^3} = 2$$

$$5'(2) = -\frac{2}{2^3} = -\frac{2}{8} = -\frac{1}{4}$$

$$g'(T3) = -\frac{2}{T3^{13}} = -\frac{2}{3T3}$$

$$f(x) = x + \frac{3}{x}$$

$$x = -3$$

$$\left(\frac{1}{2}\right) = \left(\frac{1}{2}\right)^{2} = \frac{1}{2}\left(\frac{1}{2}\right) = \frac{1}{2}\left(\frac{1}{2}\right$$

$$f'(-3) = 1 - \frac{9}{(-3)} = 1 - 1 = 0$$

£=-1