Brief solutions to selected problems in homework 06

1. Section 10.9: Solutions, common mistakes and corrections:

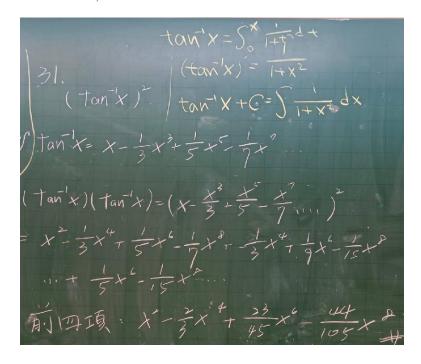


Figure 1: Solution to Section 10.9, problem 31

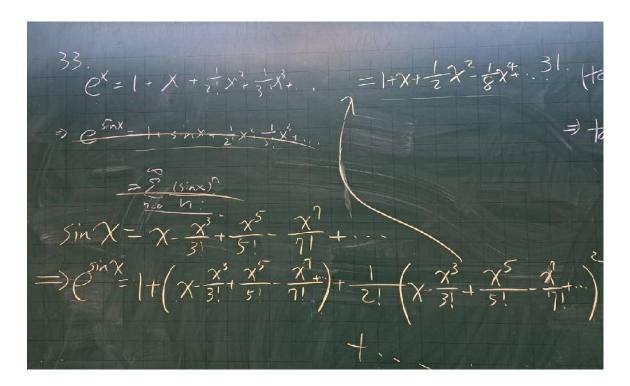


Figure 2: Solution to Section 10.9, problem 33

$$Q^{x} = |+x + \frac{x^{2}}{2!} + \frac{x^{3}}{3!} + \frac{x^{$$

Figure 3: Solution to Section 10.9, problem 41

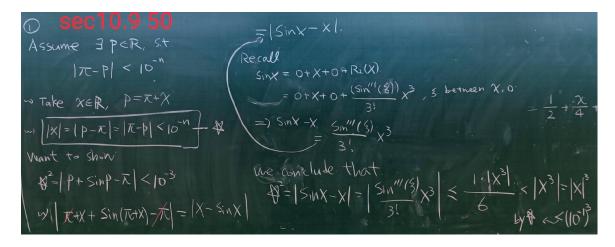


Figure 4: Solution to Section 10.9, problem 50

2. Section 10.10: Solutions, common mistakes and corrections:

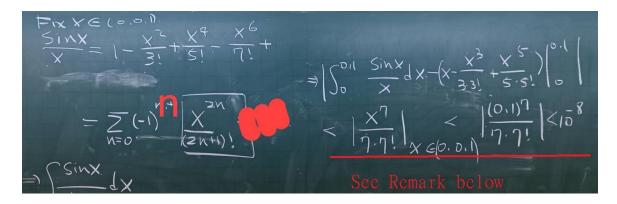


Figure 5: Solution to Section 10.10, problem 19

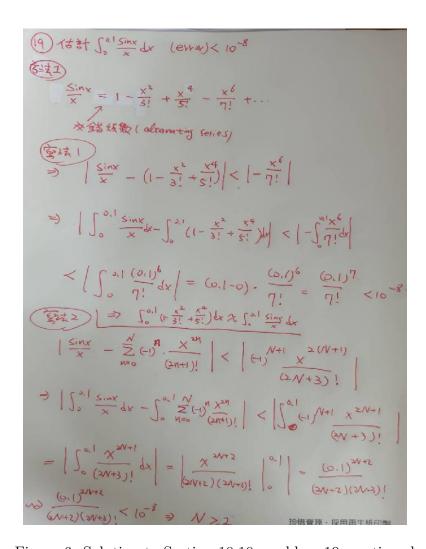


Figure 6: Solution to Section 10.10, problem 19, continued

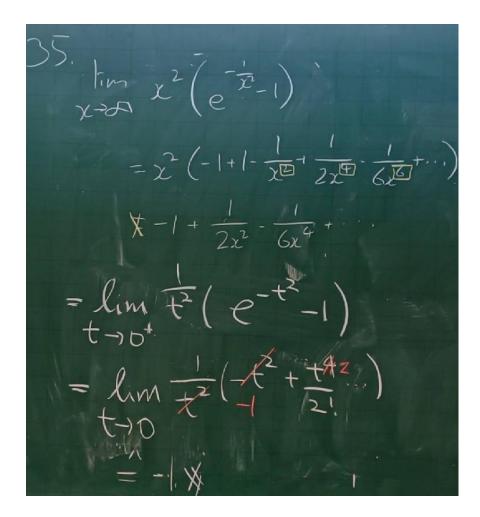


Figure 7: Solution to Section 10.10, problem 35

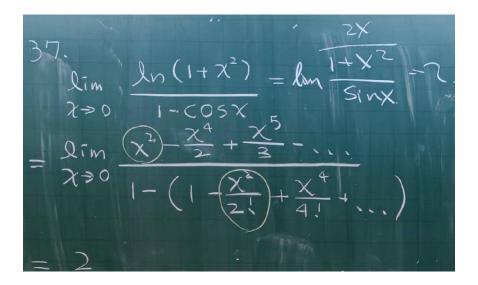


Figure 8: Solution to Section 10.10, problem 37

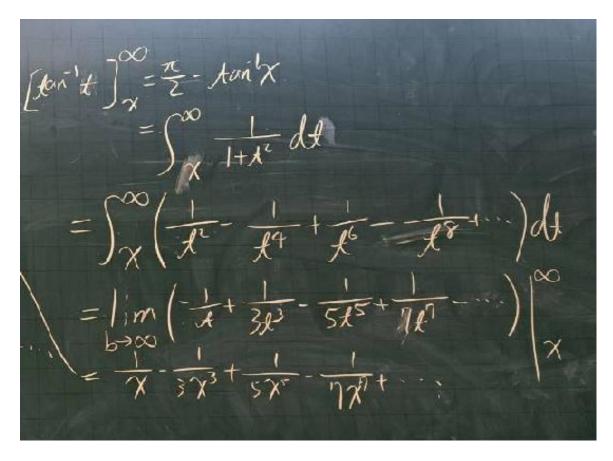


Figure 9: Solution to Section 10.10, problem 66

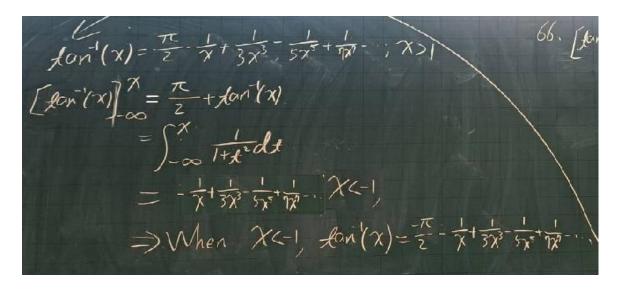


Figure 10: Solution to Section 10.10, problem 66, continued