Brief solutions to selected problems in homework 14

1. Section 7.3: Solutions, common mistakes and corrections:

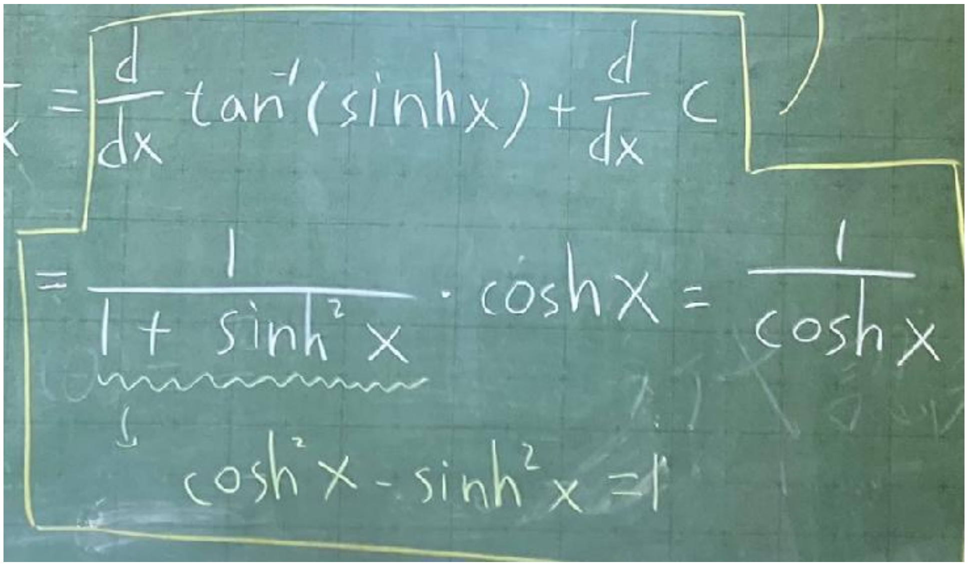

Figure 1: Solution to Section 7.3, problem 37(a)

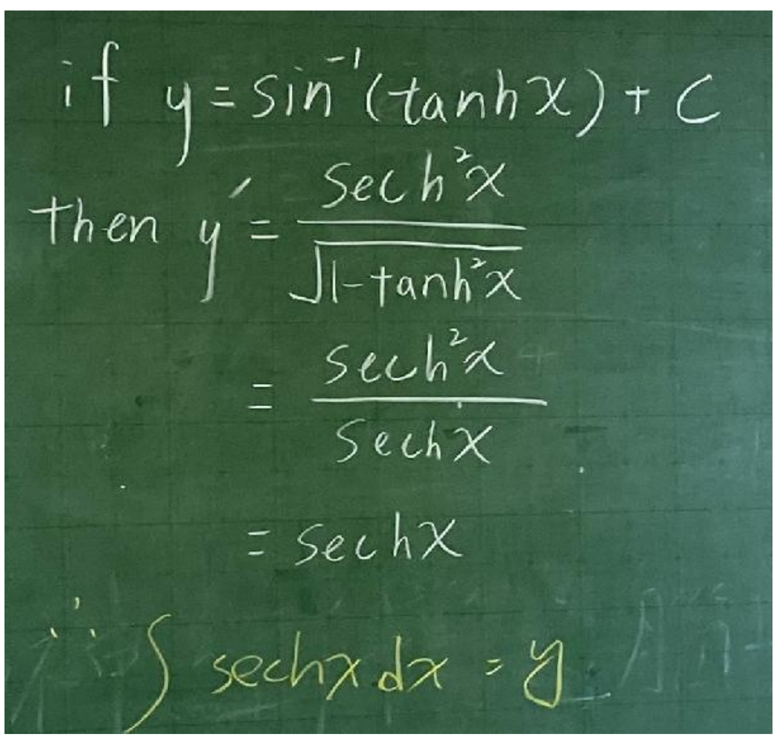

Figure 2: Solution to Section 7.3, problem 37(b)

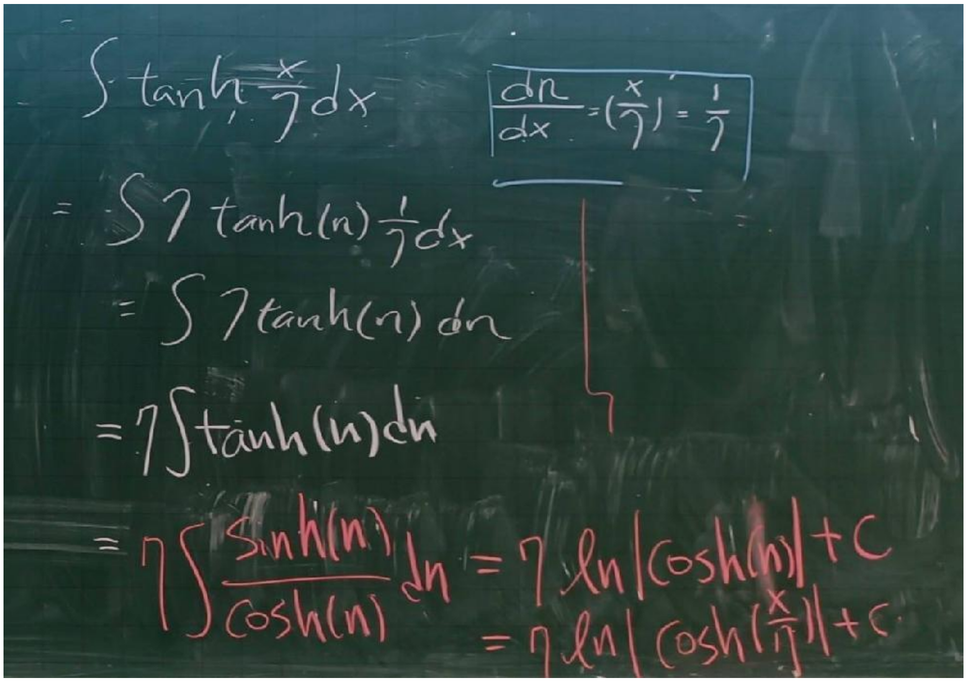

Figure 3: Solution to Section 7.3, problem 45

2. Section 7.4: Solutions, common mistakes and corrections:

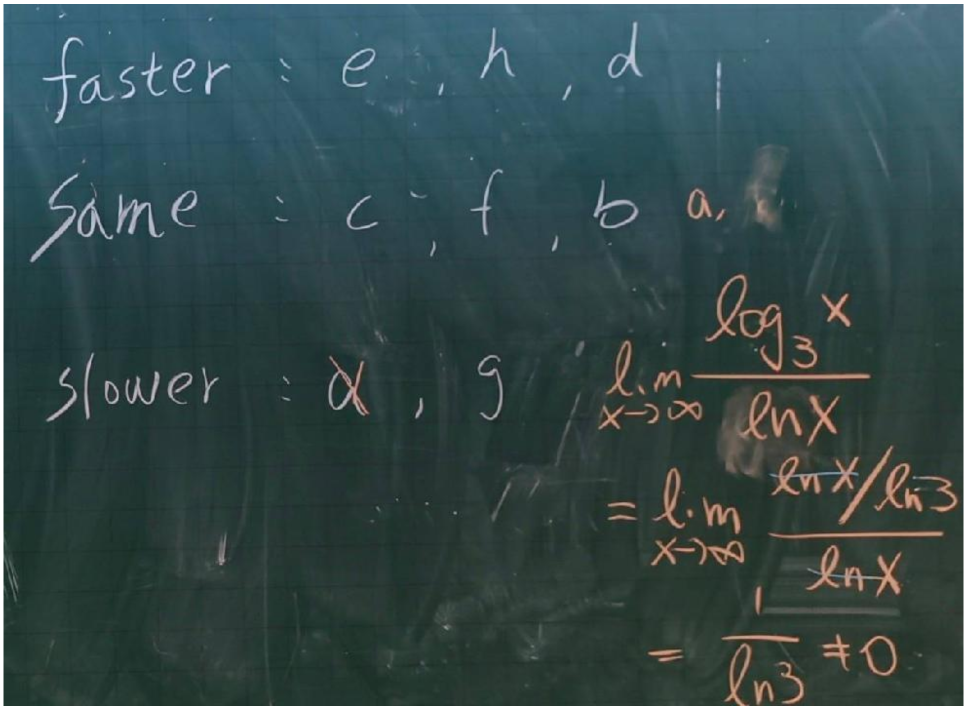

Figure 4: Solution to Section 7.4, problem 5

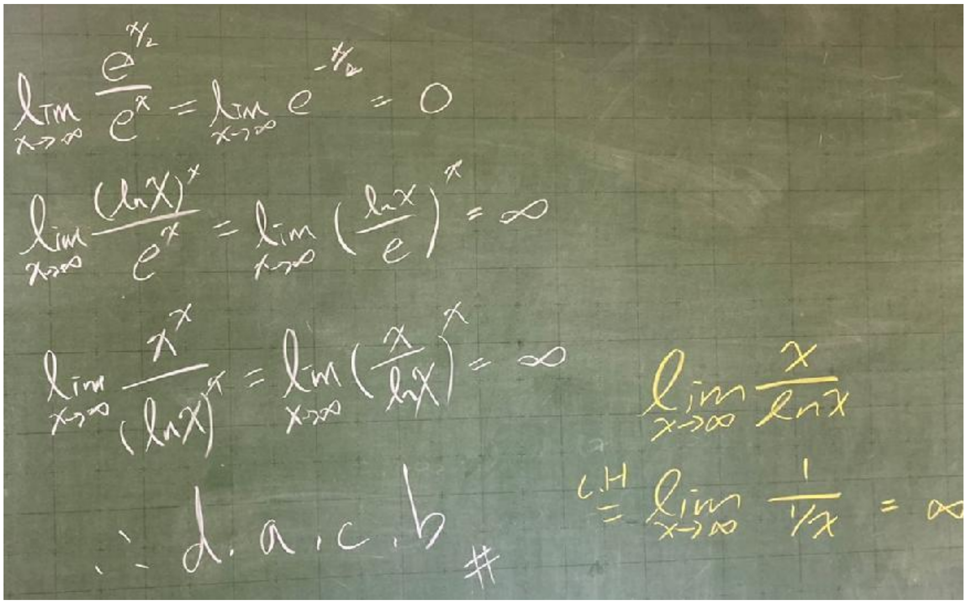

Figure 5: Solution to Section 7.4, problem 7

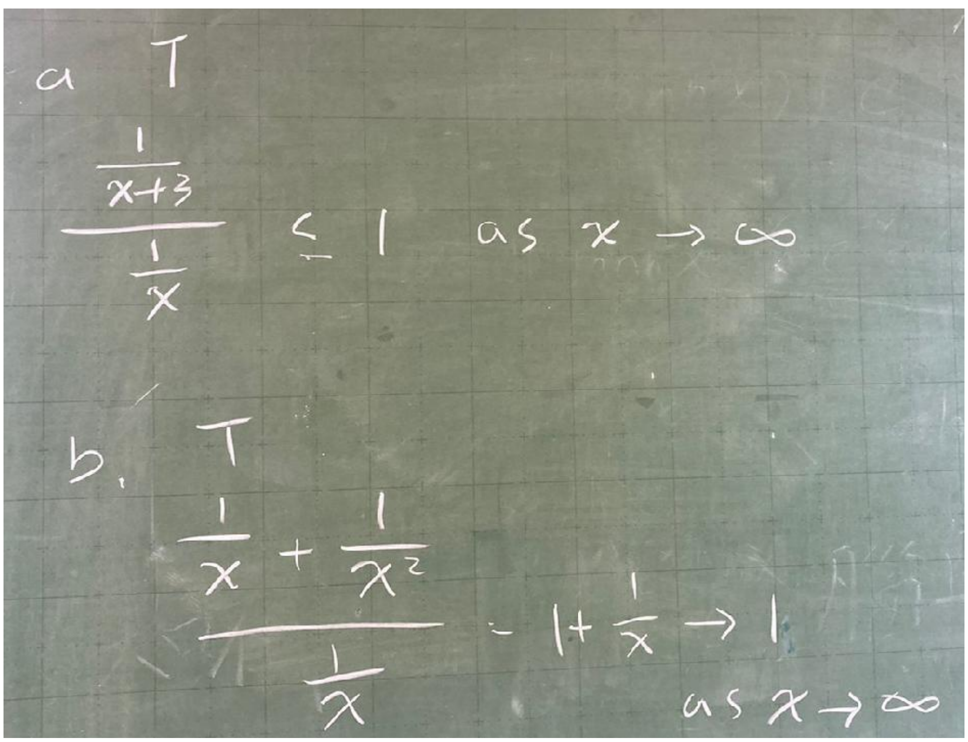

Figure 6: Solution to Section 7.4, problem 10(a,b)

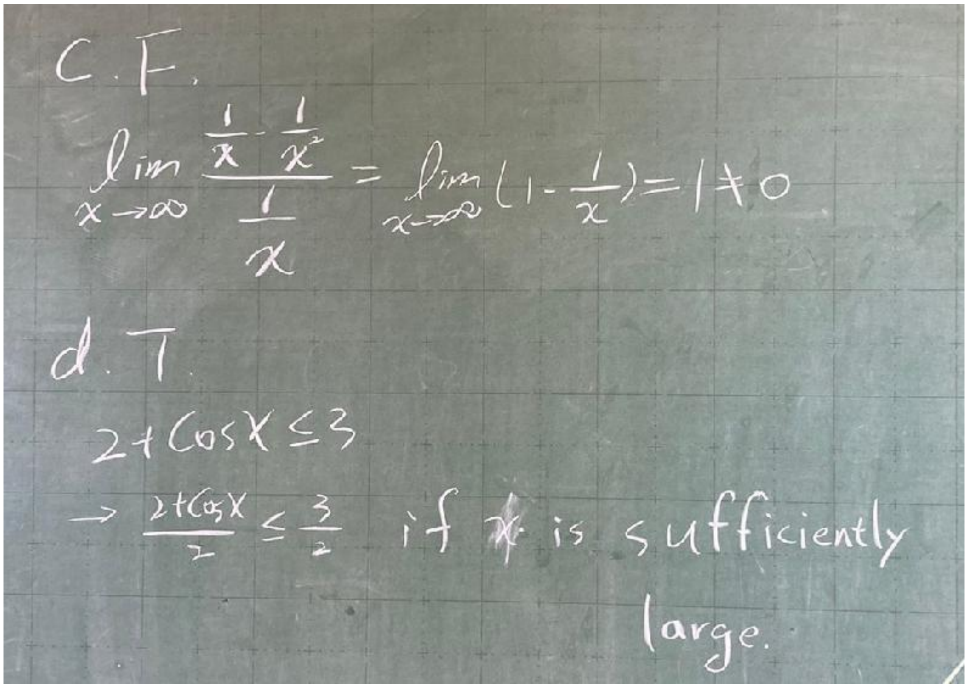

Figure 7: Solution to Section 7.4, problem 10(c,d)

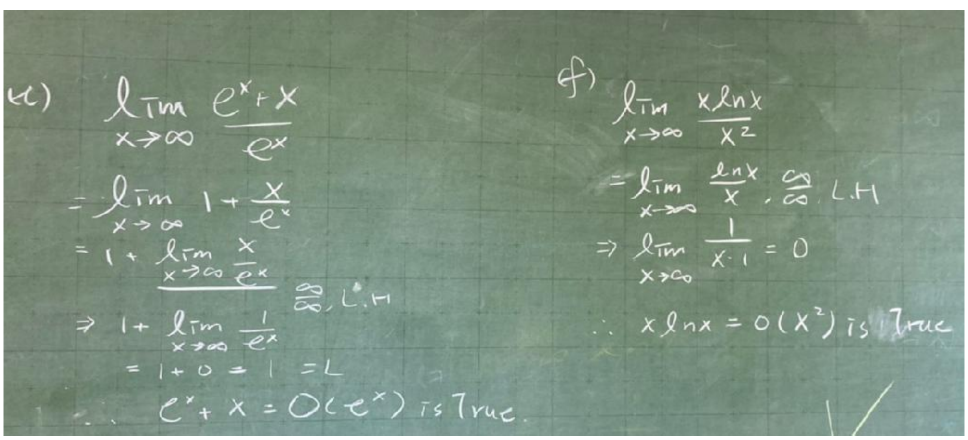

Figure 8: Solution to Section 7.4, problem 10(e,f)

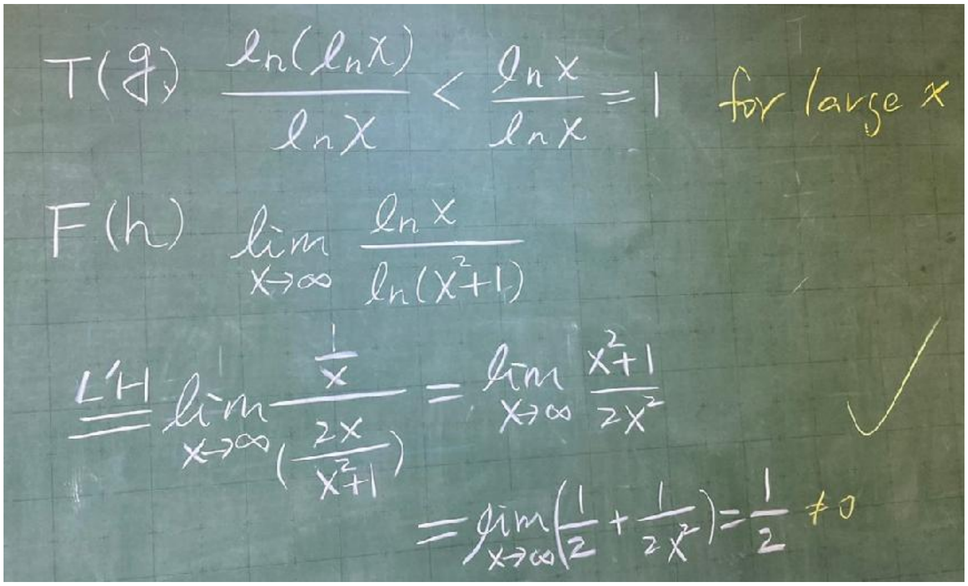

Figure 9: Solution to Section 7.4, problem 10(g,h)

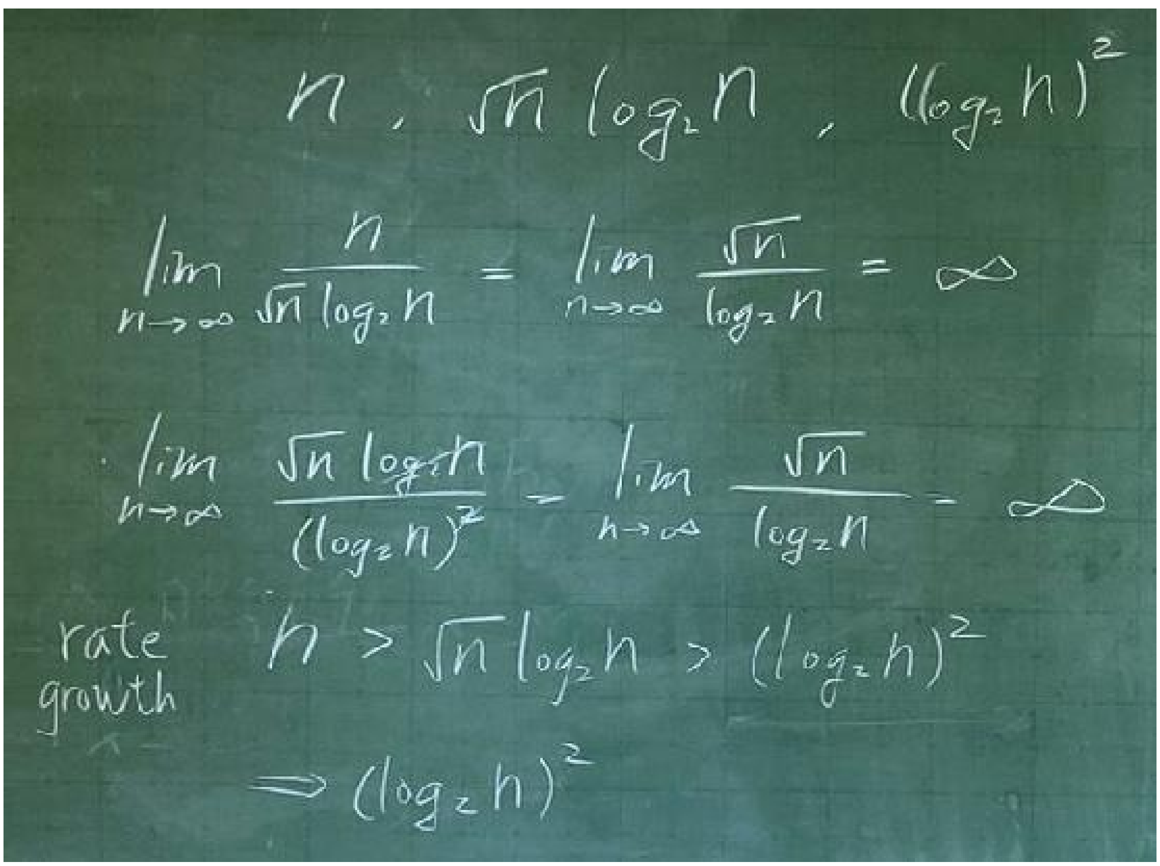

Figure 10: Solution to Section 7.4, problem 24

3. Section 8.2: Solutions, common mistakes and corrections:

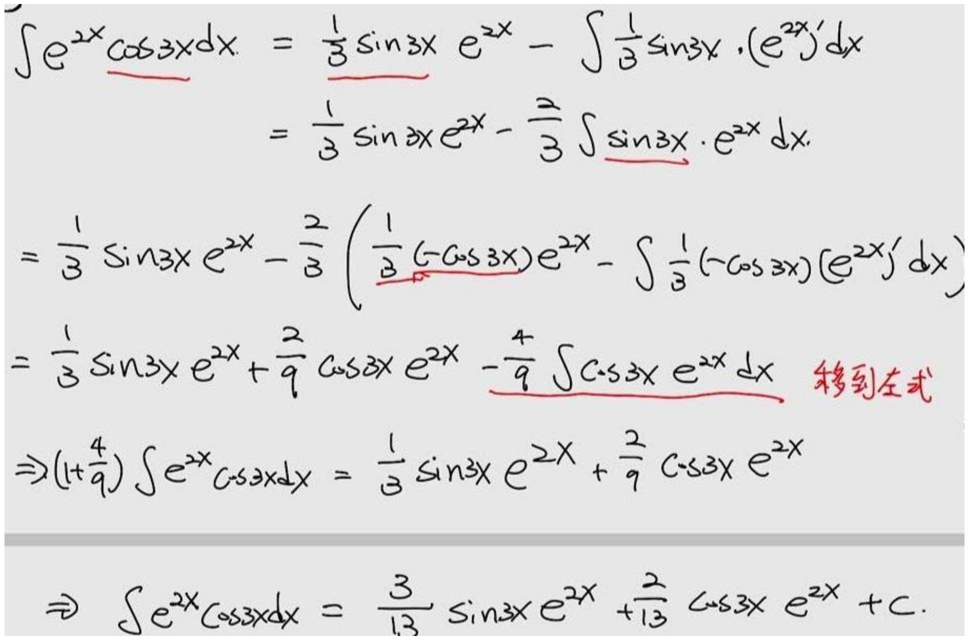

Figure 11: Solution to Section 8.2, problem 23

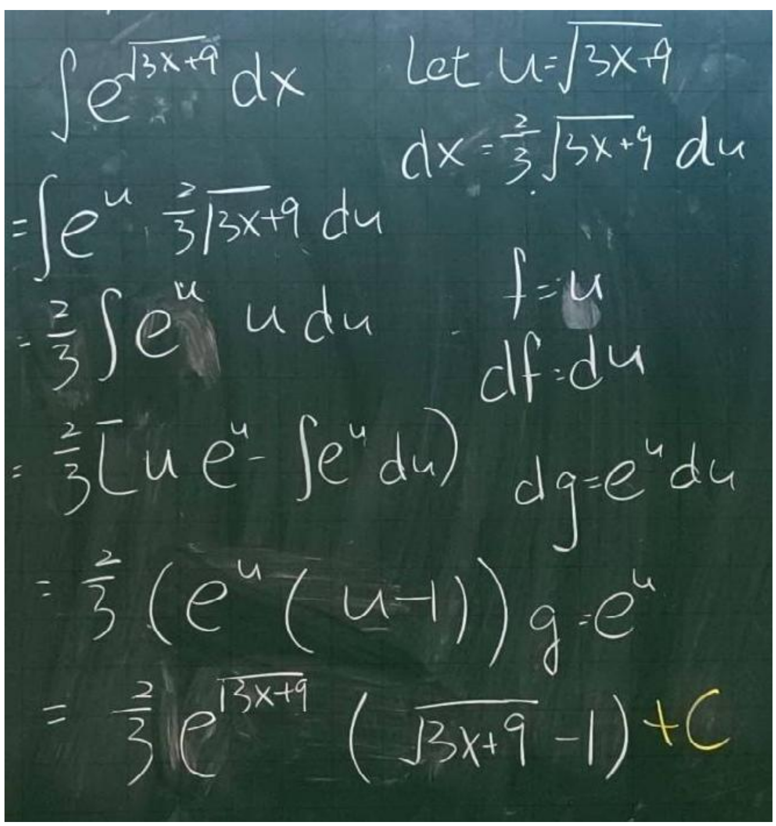

Figure 12: Solution to Section 8.2, problem 25

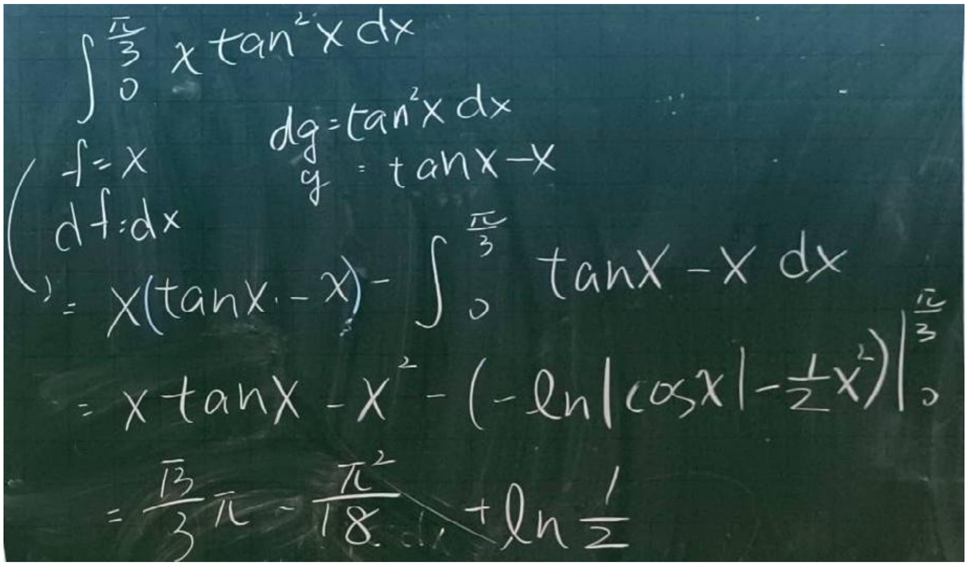

Figure 13: Solution to Section 8.2, problem 27

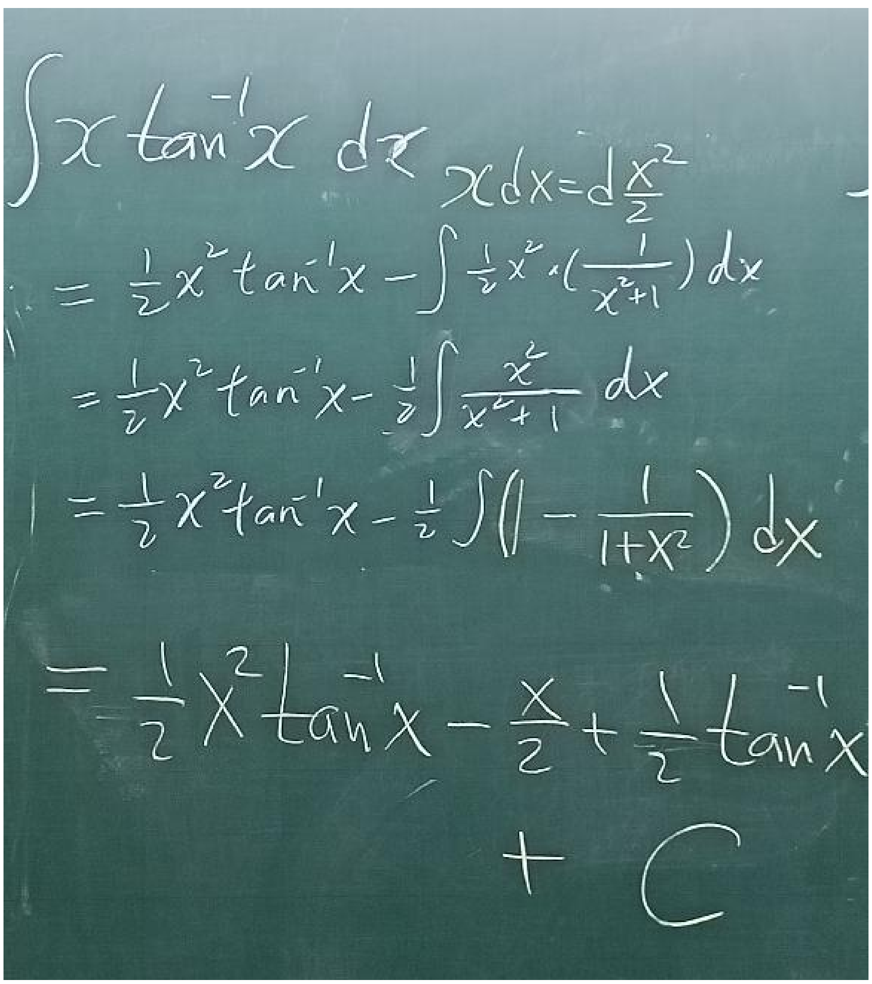

Figure 14: Solution to Section 8.2, problem 51

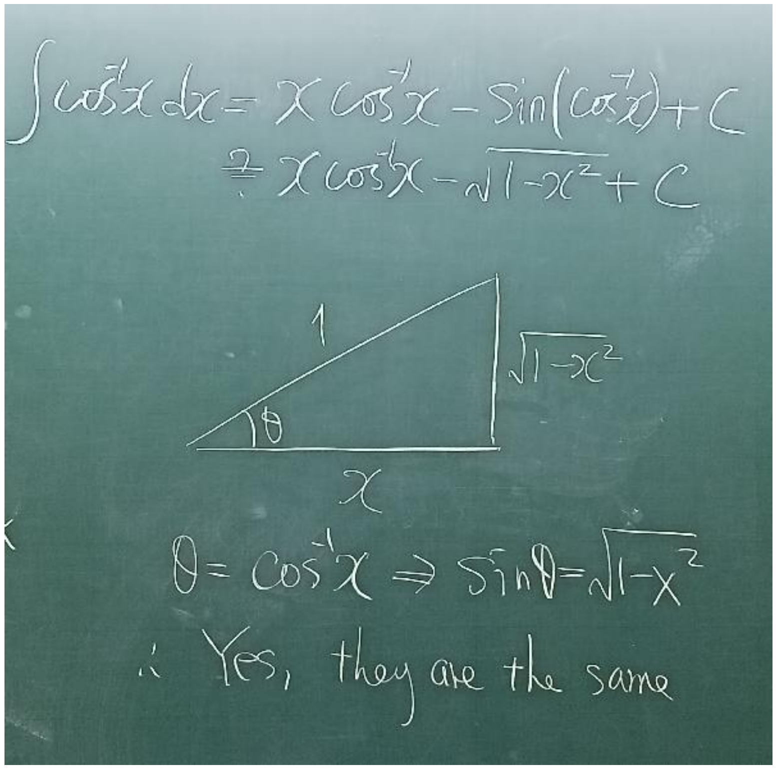

Figure 15: Solution to Section 8.2, problem 75

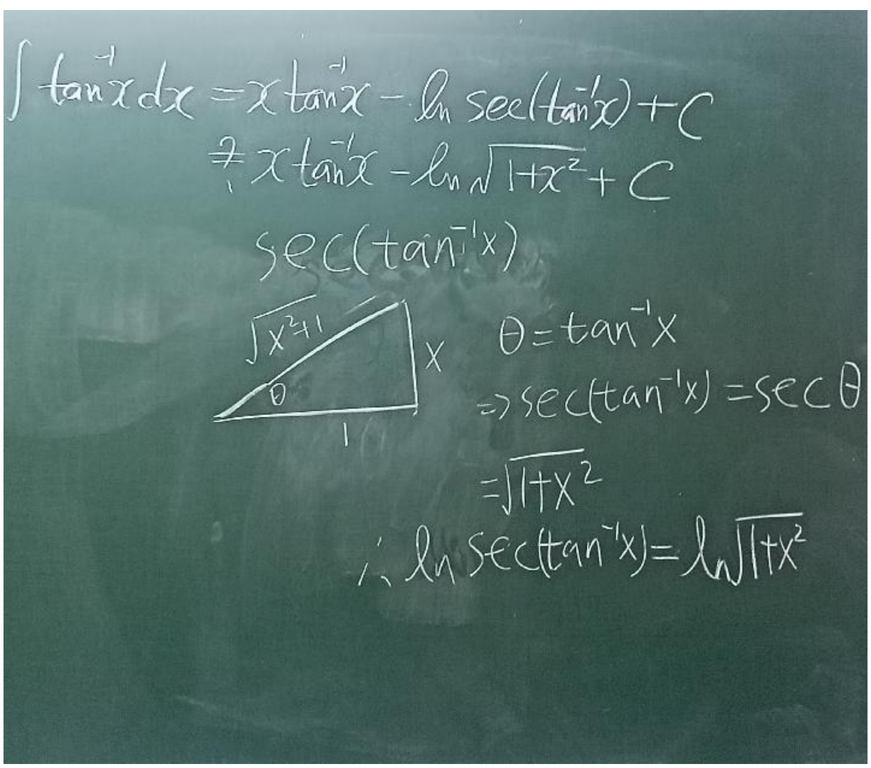

Figure 16: Solution to Section 8.2, problem 76