Brief solutions to selected problems in homework 03

1. Section 10.4: Solutions, common mistakes and corrections:

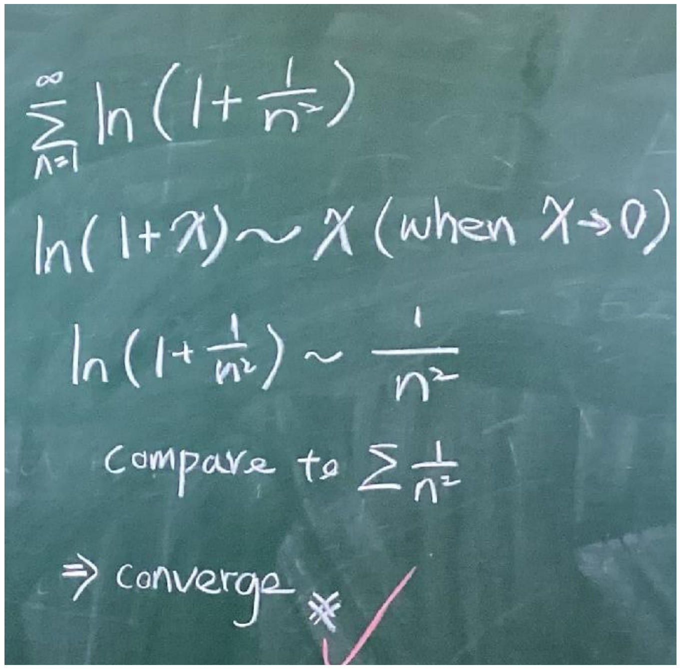

Figure 1: Solution to Section 10.4, problem 16

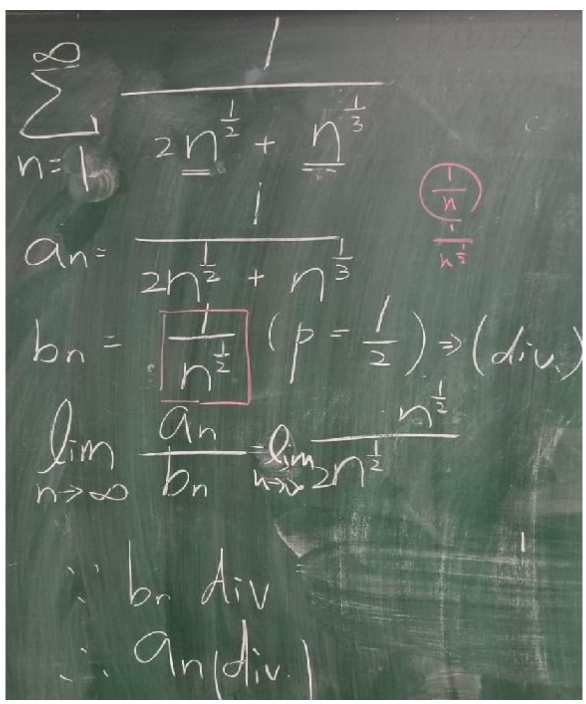

Figure 2: Solution to Section 10.4, problem 17

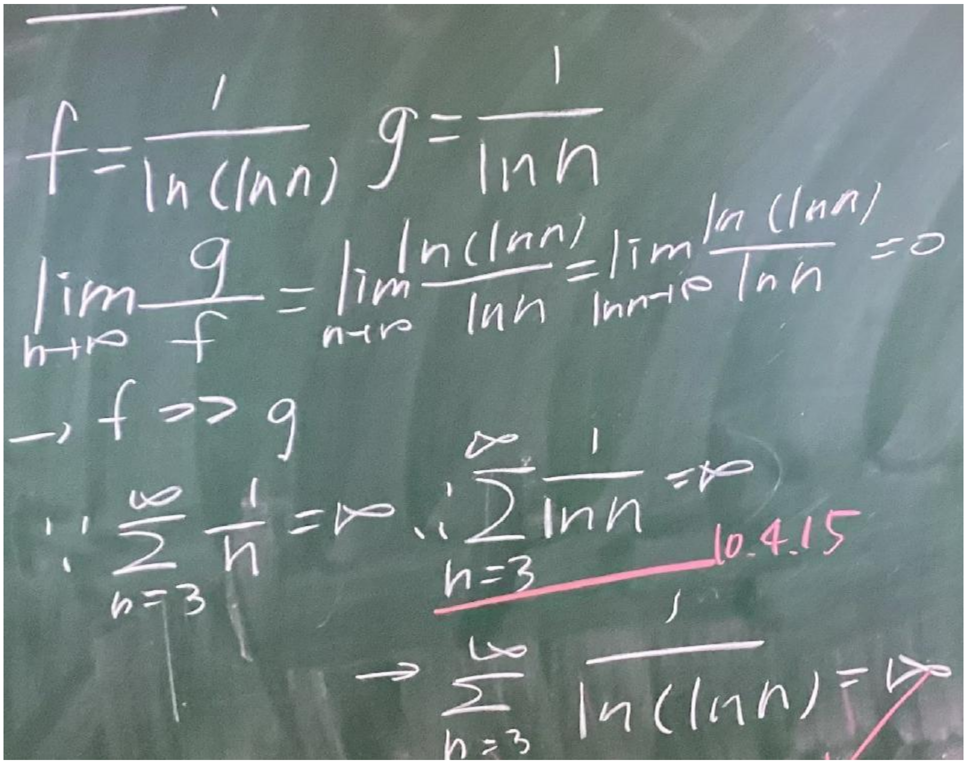

Figure 3: Solution to Section 10.4, problem 27

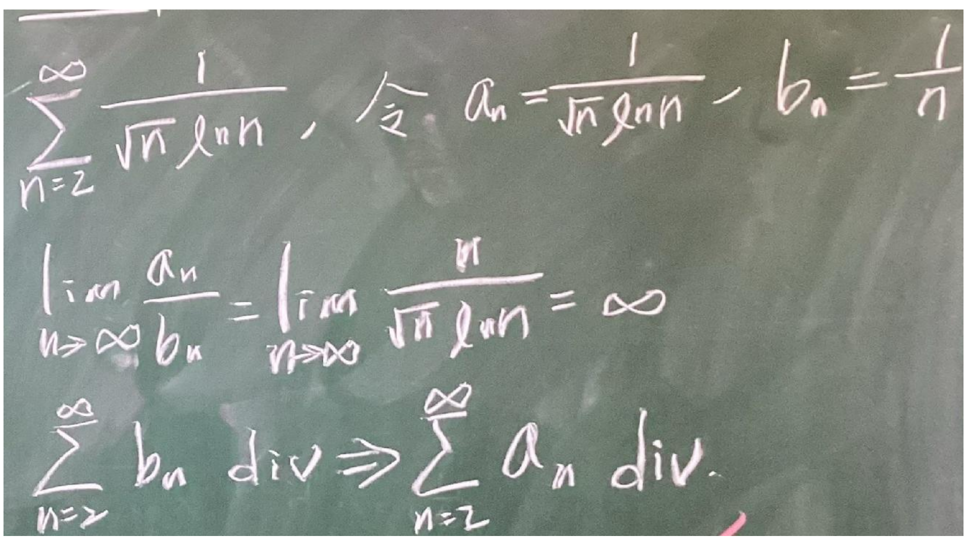

Figure 4: Solution to Section 10.4, problem 29

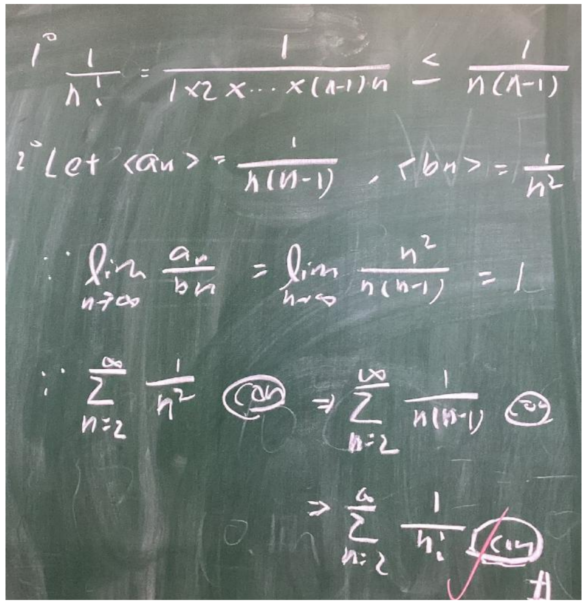

Figure 5: Solution to Section 10.4, problem 34

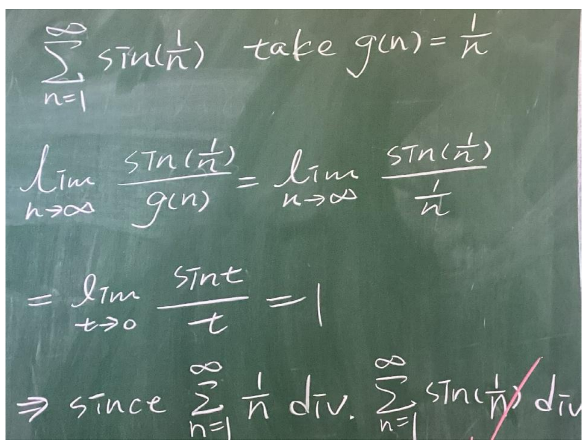

Figure 6: Solution to Section 10.4, problem 45

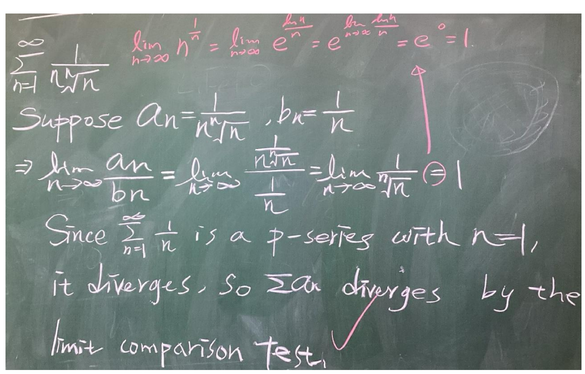

Figure 7: Solution to Section 10.4, problem 51

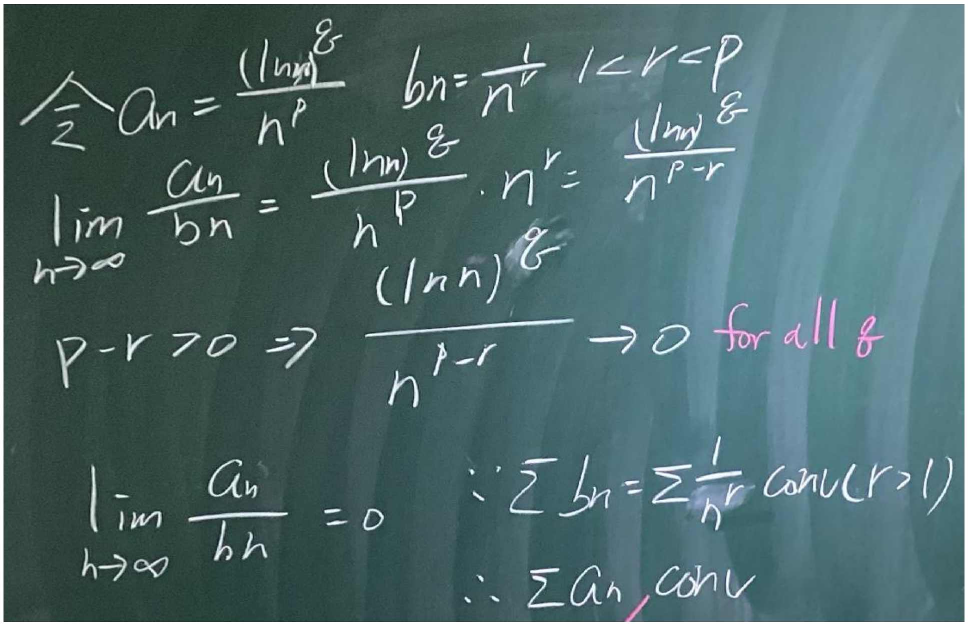

Figure 8: Solution to Section 10.4, problem 61

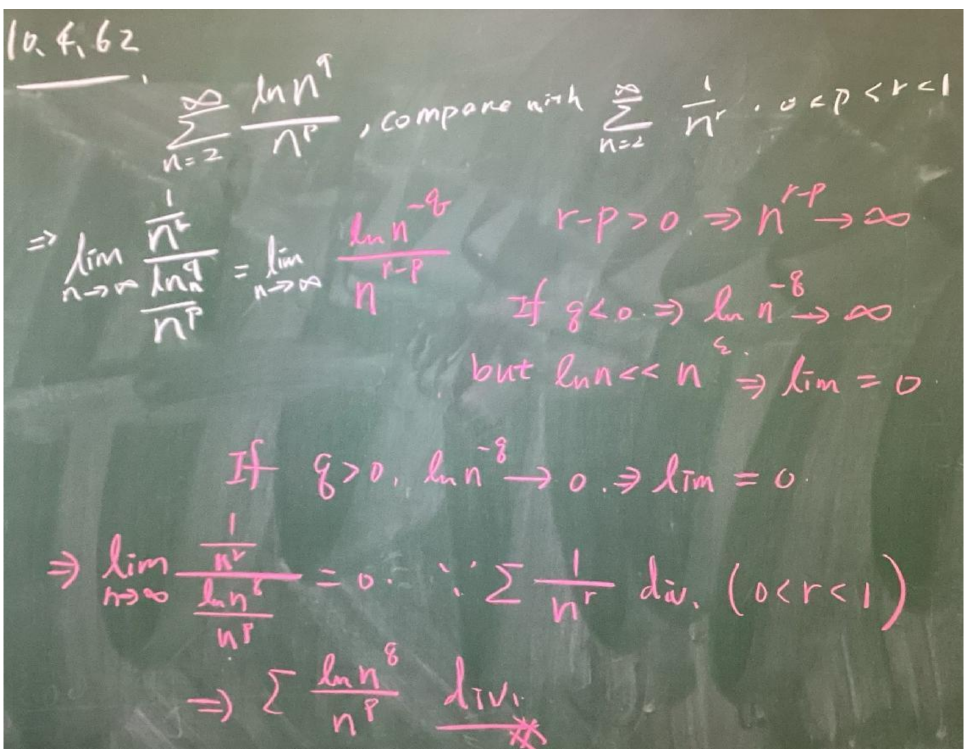

Figure 9: Solution to Section 10.4, problem 62

2. Section 10.5: Solutions, common mistakes and corrections:

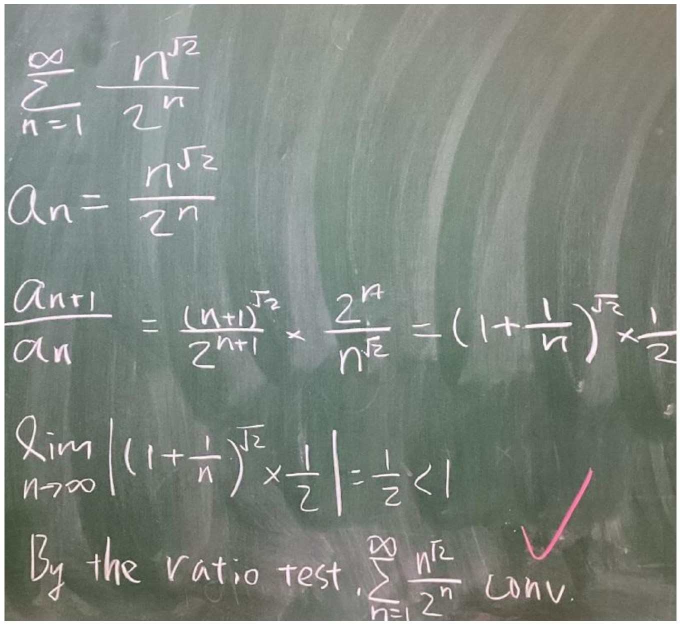

Figure 10: Solution to Section 10.5, problem 17

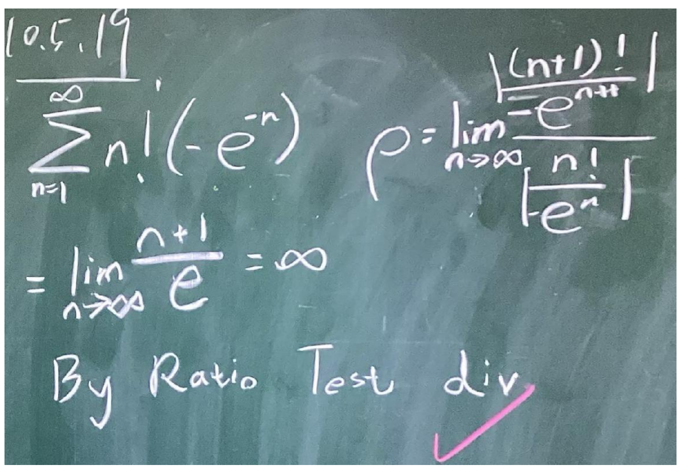

Figure 11: Solution to Section 10.5, problem 19

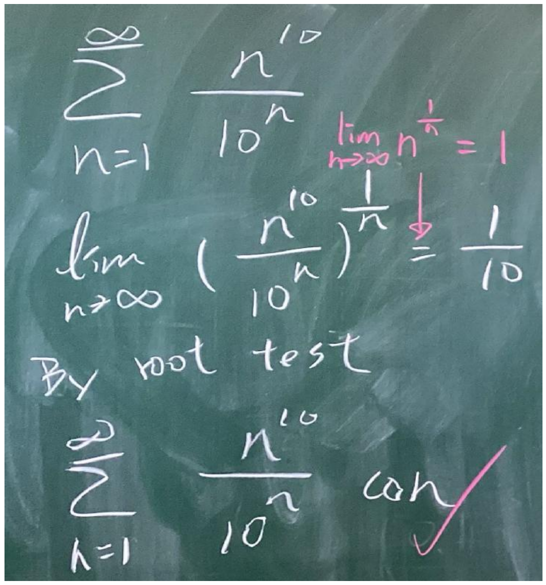

Figure 12: Solution to Section 10.5, problem 21

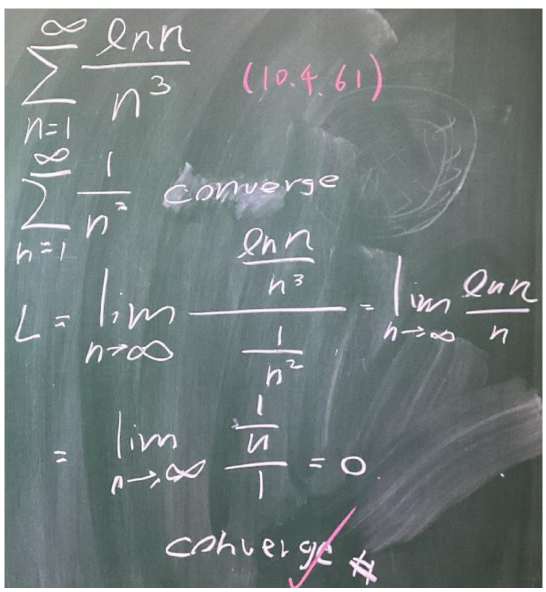

Figure 13: Solution to Section 10.5, problem 27

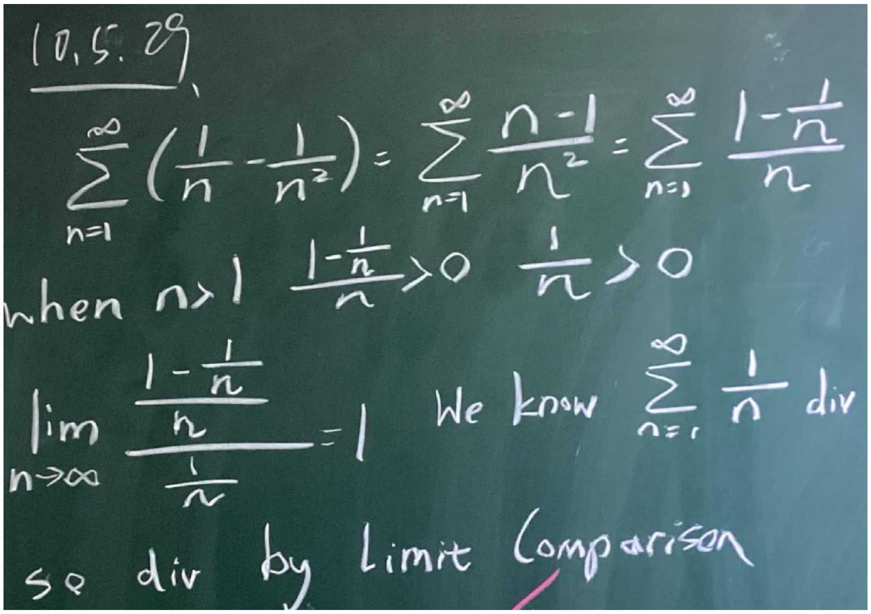

Figure 14: Solution to Section 10.5, problem 29

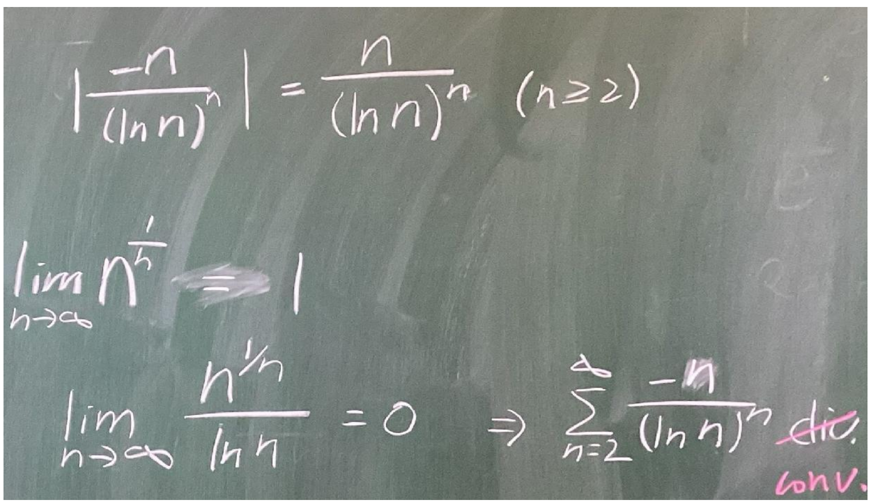

Figure 15: Solution to Section 10.5, problem 29

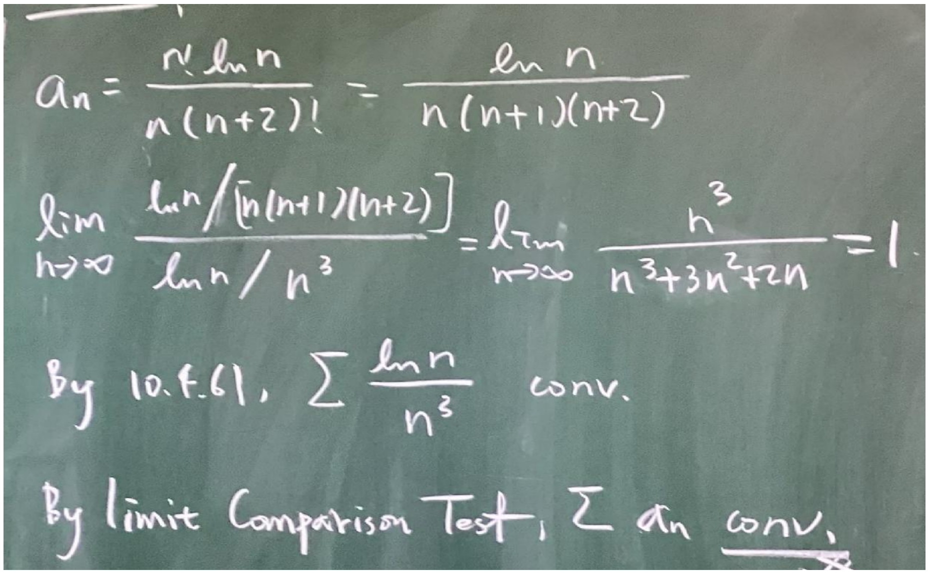

Figure 16: Solution to Section 10.5, problem 41

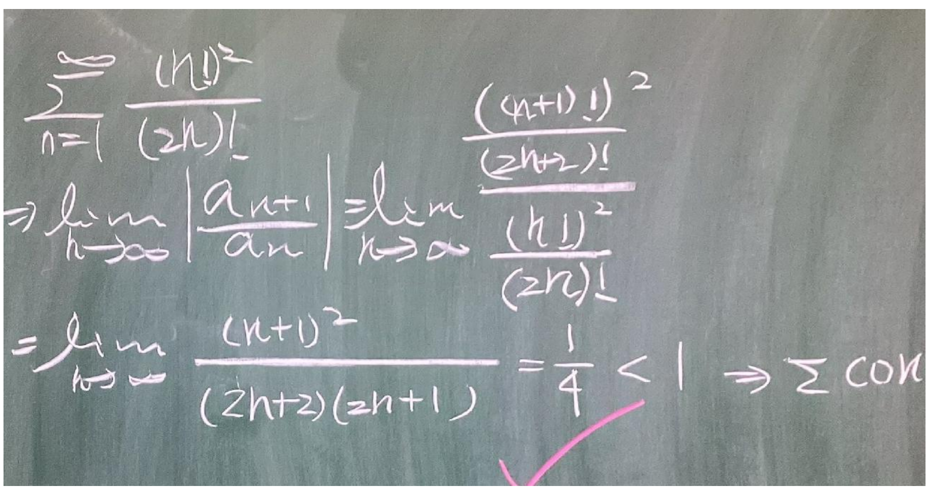

Figure 17: Solution to Section 10.5, problem 43

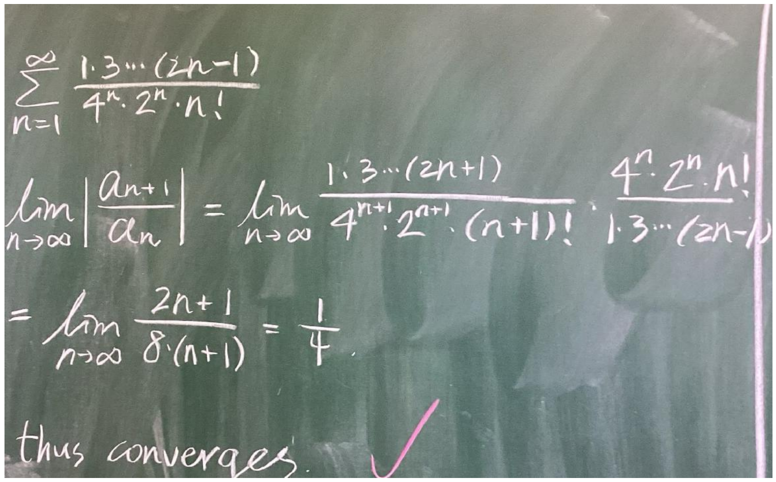

Figure 18: Solution to Section 10.5, problem 61

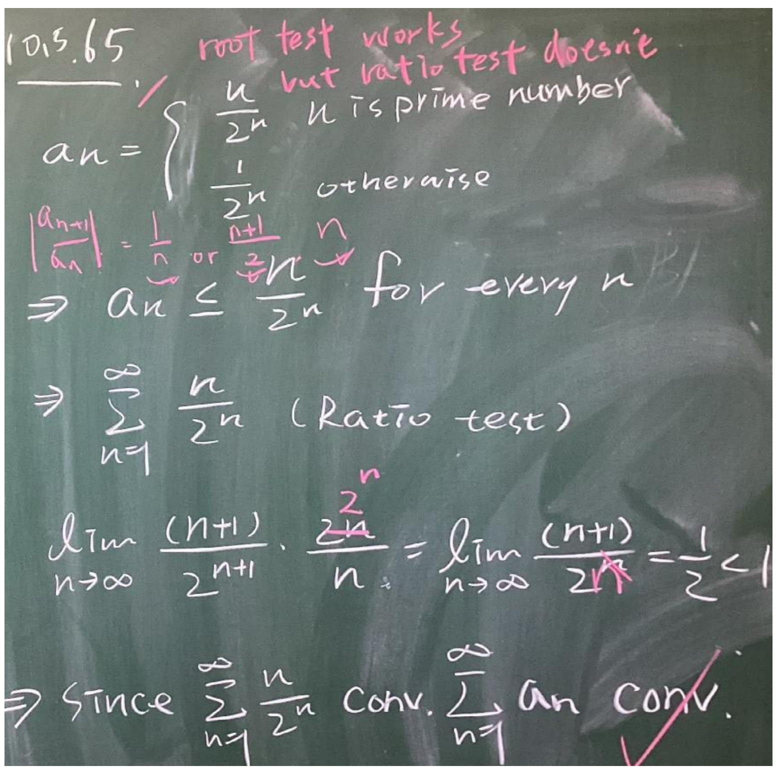

Figure 19: Solution to Section 10.5, problem 65

3. Section 10.6: Solutions, common mistakes and corrections:

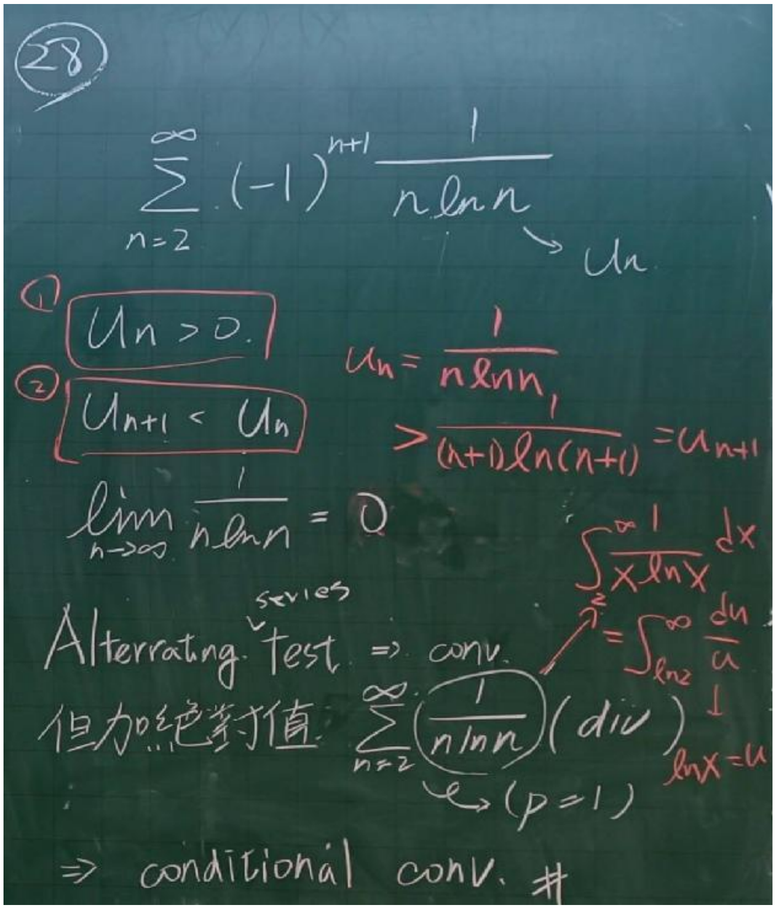

Figure 20: Solution to Section 10.6, problem 28

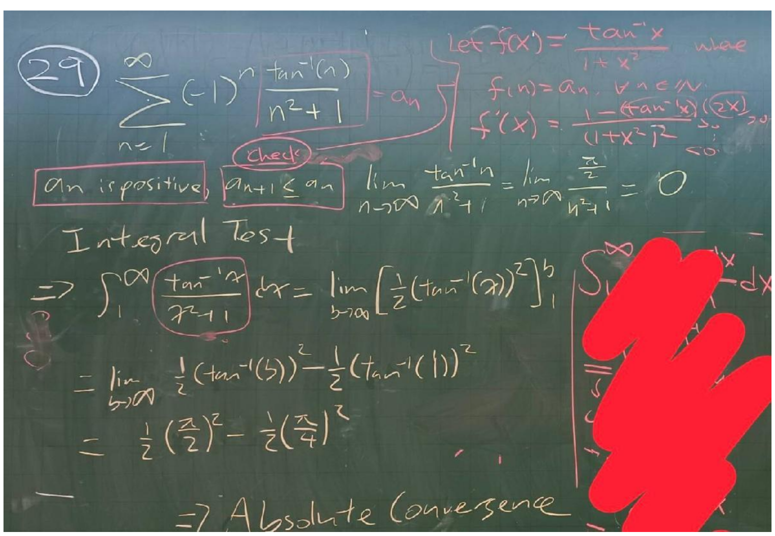

Figure 21: Solution to Section 10.6, problem 29

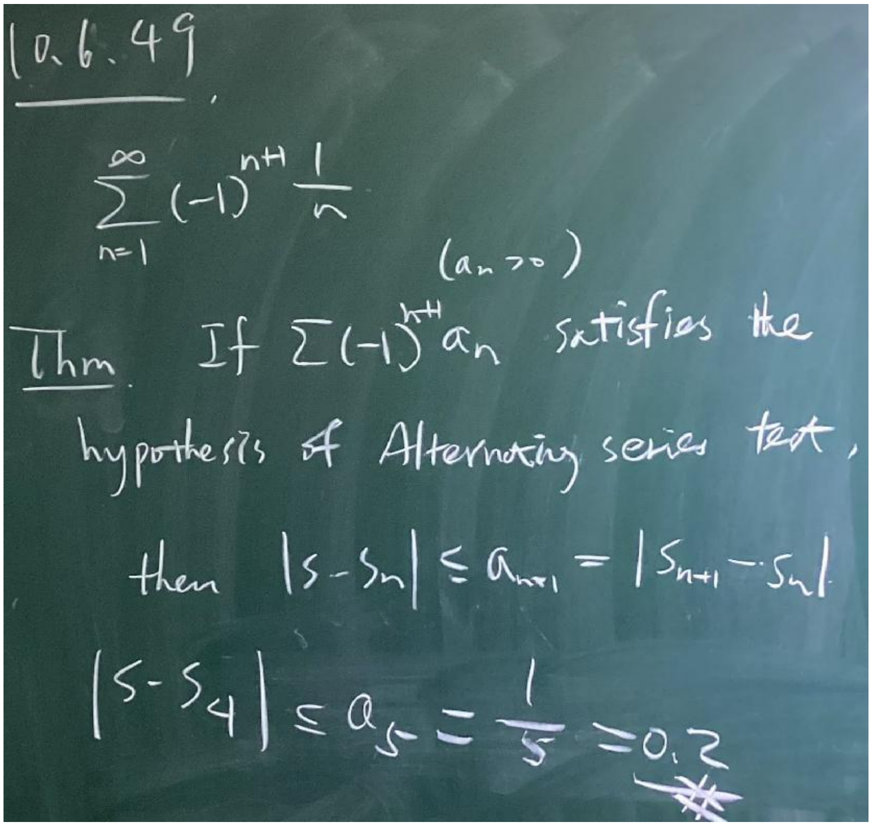

Figure 22: Solution to Section 10.6, problem 49

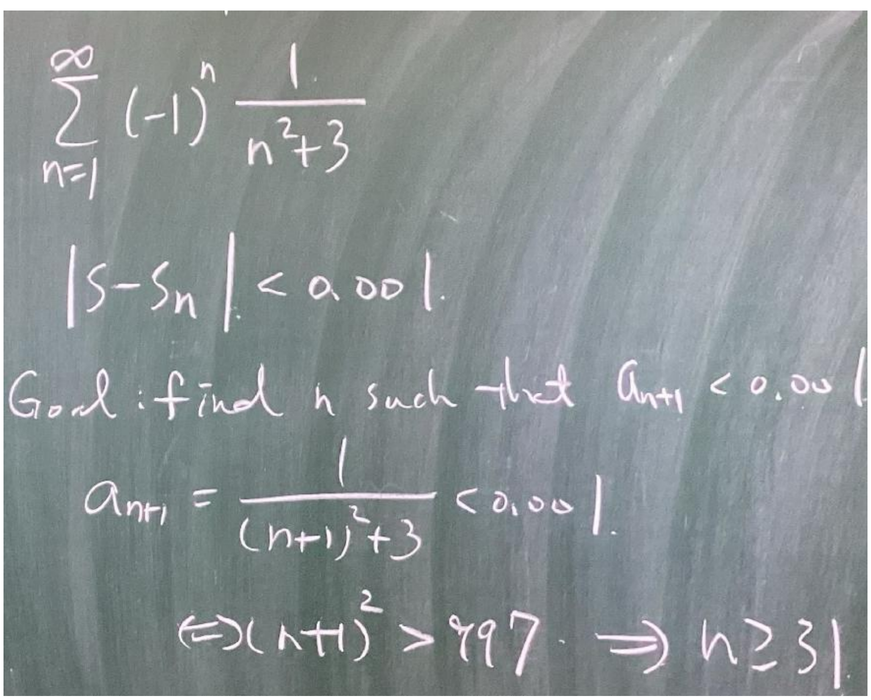

Figure 23: Solution to Section 10.6, problem 53