

**Due date:** Thursday, April 19

**Deadline:** Tuesday, April 24

S means a problem in Schroeder's text; GT means a problem in Gould & Tobochnik.

1. S6.12

2. S6.20 a-d

3. S6.31

4. S6.39 (You will need to evaluate the integral numerically, find its asymptotic form (cf. problem B 5 (and B 4), or rewrite it in terms of an error function erf or erfc by integrating by parts.)

5. S6.41

6. S6.43

7. S6.48