Rakov, V.A.  
**Fundamentals of Lightning** *(FOL)*, Cambridge University Press, 2016

Rakov, V.A.,  
**Lightning, Course Packet** *(CP)* (available at  
http://www.rakov.ece.ufl.edu/teaching/5490/5490.html)

**HOME ASSIGNMENT 1**

(Types of lightning discharges and lightning terminology)

**Due:** September 1, 2017 *(before 1:00p.m.)*

**Read:** FOL, Ch. 1, App. 1 and 4, and CP, Section 1

**Problems (from FOL):**

1.2 - 20%
1.3 - 20%
1.4 - 30%
1.8 - 30%