Due: Next Wednesday

Using the data from the CTD (conductivity-temperature-depth) file "h11a0202.ctd" create the plot shown on page 3 (below).

Short Answer:

(please answer in the space provided)

1) Using the information on page 2 (below), and your reading of Chapters 1 and 2 (Knauss), tell me the depth interval of the mixed layer.

2) Using the information on page 2 (below), and your reading of Chapters 1 and 2 (Knauss), tell me the depth interval of the thermocline.

3) From page 3 (below), at what depth is the stability maximized?

4) What term in the seawater EOS is contributing most significantly to the stability maximum?

5) Using the plots on pages 2 and 3, please explain your answer to question #4.

open_read_ctd_2.pro



2