Assignment: Due Date : Next lecture.

1.Find the normal and critical depths for the following:
A trapezoidal channel with Q = 1000 cfs; b = 10 ft; n = 0.03; z = 2 and $S_o = 0.0005$.

2. Find the bottom width for the following:
A trapezoidal channel with Q = 1000 cfs; $y_n = 8$ ft; n = 0.03; z = 2 and $S_o = 0.0005$.