Homework Assignment 7.

Given Nov 29, due Nov 10.

1. Section 6.7: 7, 8, 12, 17(a).
2. Section 6.9: Problems 14, 16, 22, 70, 72.
3. Verify Table 6.9 and 6.13 (page 416, 420) by deriving the formula by yourself. Pay extra attention on how to decide the signs when there is a $\pm\sqrt{\cdot}$ involved. This can be done by carefully examining the domain and range of each function as we did in class. It is helpful to memorize the graphs of trigonometric and hyperbolic sin, cos and tan.
4. Section 6.10: Problems 10, 12, 28, 29.