

**Economics 304**  
**Daily Problem #17**

**Fall 2013**  
**November 1**

Suppose that the current nominal interest rate on one-year U.S. government bonds is 3%, that the current spot exchange rate is 100 yen/\$, and that everyone expects that one year from now the spot exchange rate will be 102 yen/\$. What rate of return will a Japanese wealth-holder earn by converting yen to dollars today, investing in a U.S. government bond, and converting the proceeds back to yen one year from now? What must be the nominal rate of interest on a Japanese government bond?