

## CURVE SKETCHING PRACTICES

**Problem 1.**  $f(x) = e^{-\frac{x^2}{2}}$ .

**Problem 2.**  $f(x) = x(x-1)(x-4)$ .

**Problem 3.**  $f(x) = \frac{x}{1+x^2}$ .

**Problem 4.**  $f(x) = \frac{x^2-1}{x}$ .

**Problem 5.**  $f(x) = x\sqrt{x^2+1}$ .