$$(1) \quad f(x) = ax^2 + bx + c$$

$$(2) \quad f(x) = \exp(x)$$

$$(3) \quad f(x) = \frac{a}{b}, \quad a \in \mathbb{R}, b \in \mathbb{R}$$

$$(4) \quad f(x) = \sum_{i=1}^{n} x_i, \quad x = (x_1, x_2, \cdots, x_n)$$

$$(5) \quad f(x) = \int_{\Omega} \sigma(x, t) dt$$

$$(6) \quad \frac{\partial \mathbb{E}}{\partial w}$$