```
\sup_{x \in X} \int_{x \in X} f(x) dx = f(x)
                     \sup_{x \in X} tx + (1 - t)y, x - tf(x) - (1 - t)f(x)
                     \sup_{x \in X} tx, x + (1 - t)y, x - tf(x) - (1 - t)f(x)
                     \sup_{x,y \in X} tx, x + (1-t)y, y - tf(x) - (1-t)f(y)
                     \overline{t}\sup_{x\in X} x, x - f(x) +
                      (1 -
                     (t)t \sup_{y \in X} y, y - f(y)
                     \overline{t}f(x)+
(1-
                     \dot{t} f(y).
                 f
t) f(y).
f
X
f
Q
Q(x) \le f(x)
\forall x \in Y
f^{**}(x) \le f(x)
Q(x) \le f^{**}(u)
\forall x \in Y
f^{**} = f
f^{**} = f
f : d \to f^{**} = f
f : 
(1)
                  \begin{array}{l} f: \\ X \to \\ (-\infty, \infty] \\ \partial f: \\ X^* \to \\ X^* \to \\ \partial f(x) = \\ x^* \in X^*; f(x) - f(y) \leq x^*, x - y, \forall y \in X \\ \overset{d}{\text{Were}} \end{array}
```