1. 用定义计算下列定积分:

(1)
$$\int_0^1 (ax+b) dx$$
; (2) $\int_0^1 a^x dx (a>0)$.

$$\int_{0}^{\infty} (1) \cdot \int_{0}^{\infty} h = h \cdot X_{i} = ih \cdot \int_{0}^{\infty} (1) \cdot \int_{0}^{\infty} (1)$$