Chapter 7, Problem 32.

Evaluate the following integrals:

(a) $\displaystyle\int_{1}^{t} u(\lambda)d\lambda$

(b) $\displaystyle\int_{0}^{4} r(t-1)dt$

(c) $\displaystyle\int_{1}^{5} (t-6)^2 \delta(t-2)dt$