$$\int_{\Gamma_{1}} (x) = \alpha_{1} \int_{\Gamma_{1}} (x) + \alpha_{2} \int_{\Gamma_{2}} (x) + \cdots + \beta_{m} \int_{\Gamma_{m}} (x) + \cdots + \beta_{m$$

$$\beta_{n}$$
 $\beta_{nm}$ 
 $\beta_{nm}$ 
 $\beta_{nm}$ 

$$f(x) - Ax$$
  $g(x) = Bx$  both linear

$$g(f(x)) = B(A \cdot x)$$