

32.10

$$1) \quad E = \int_{\alpha}^{\beta} [f(x) - g(x)] dx + \int_{\beta}^{\gamma} [h(x) - g(x)] dx$$

$$2) \quad E = \int_{\alpha}^{\beta} [f(x) - (\lambda x + \kappa)] dx + \int_{\beta}^{\gamma} [g(x) - (\lambda x + \kappa)] dx$$

$$3) \quad E = \int_0^{\alpha} (\delta - \gamma) dx + \int_{\alpha}^{\beta} [f(x) - \gamma] dx$$

$$4) \quad E = \int_{\alpha}^{\beta} [g(x) - f(x)] dx + \int_{\beta}^{\gamma} g(x) dx$$

$$5) \quad E = \int_{\alpha}^{\beta} [f(x) - \varphi(x)] dx + \int_{\beta}^{\gamma} [f(x) - g(x)] dx + \int_{\gamma}^{\delta} [h(x) - g(x)] dx$$

$$6) \quad E = \int_{\alpha}^{\beta} [\lambda x + \kappa - h(x)] dx + \int_{\beta}^{\gamma} [\lambda x + \kappa - f(x)] dx + \int_{\gamma}^{\delta} [g(x) - f(x)] dx$$