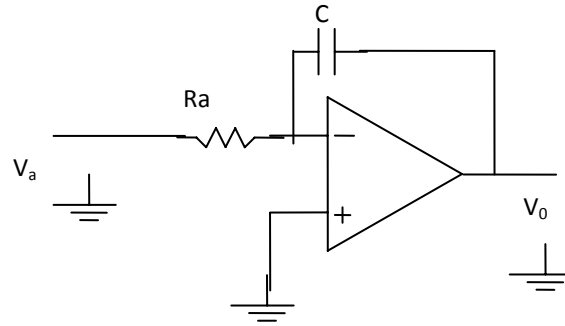
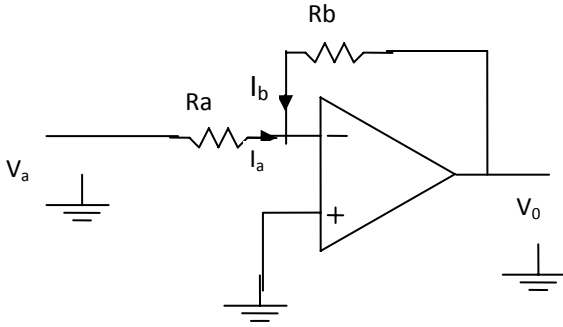
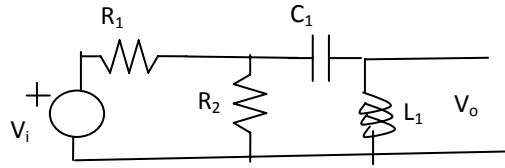
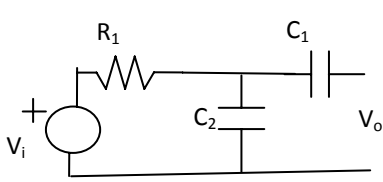
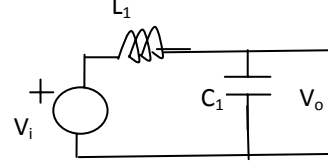
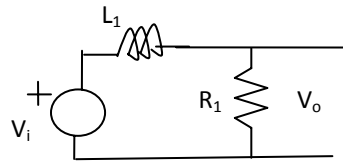
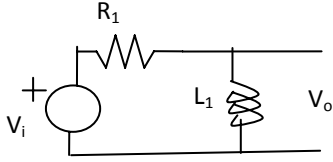
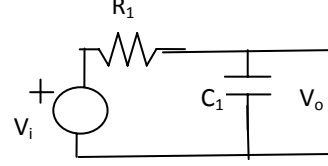
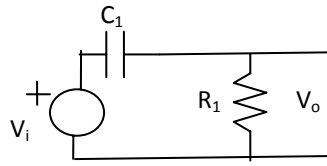
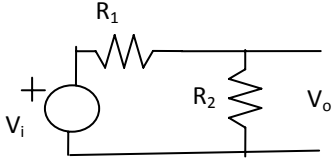


511) grafiklerini cizin.

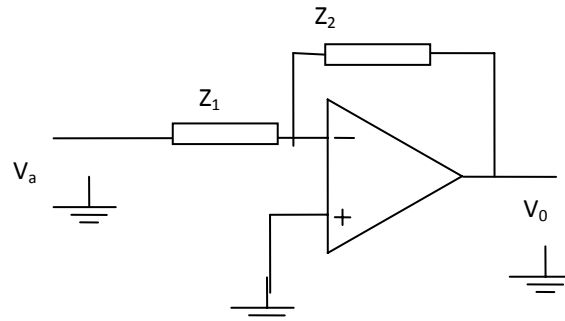
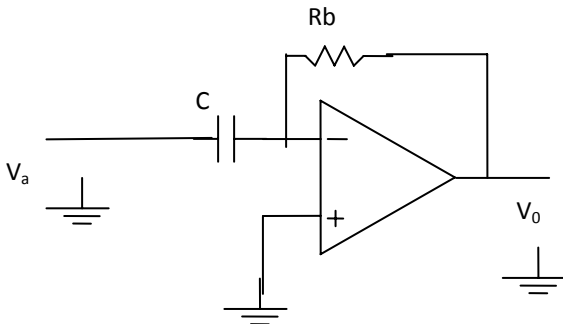
a) $u(t)$ (birim basamak) b) $\delta(t)$ (impuls)

Bu fonksiyonların kullanımı ile ilgili olarak elektrik mühendisliğinde ve makina mühendisliğinde örnekler verin.

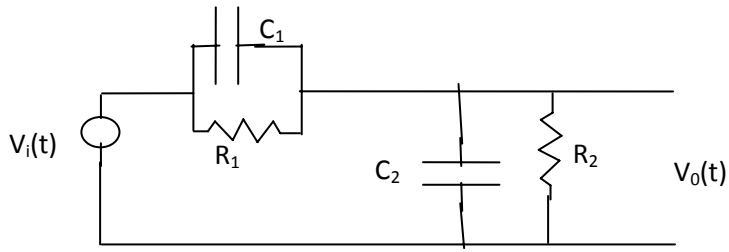
512) Aşağıdaki devrelerin transfer fonksiyonlarını bulun.



Not $I_a = I_b$ (ideal opam akım çekmez) $I_a = V_a/R_a$, $I_b = -V_o/R_b$, $\rightarrow V_o/V_a = -R_b/R_a$



- 1) 562) Find the transfer function $\frac{V_o(s)}{V_i(s)}$ of the following circuit.



563)

Alıştırma

1. Şekil 2.34'te verilen işlemsel kuvvetlendiricili kontrol elemanlarının her ikisinin de $G_c(s) = V_o(s)/V_i(s)$ toplam transfer fonksiyonunu bulunuz.

