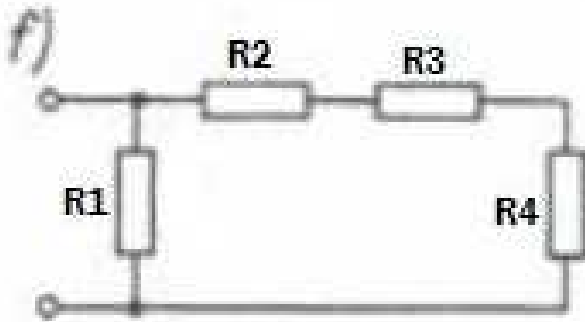
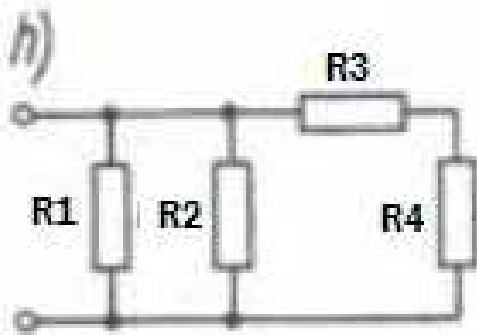


NUMERY NIEPARZYSTE

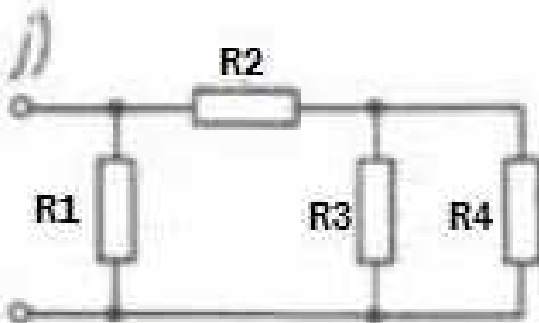
1. Oblicz spadki napięć, rozprędy prądów oraz wykonaj bilans mocy.



f) $R_1=30\ \Omega$, $R_2=5\ \Omega$, $R_3=10\ \Omega$, $R_4=15\ \Omega$
 $U=90\text{V}$ $\Delta P\%<5\%$



h) $R_1=10\ \Omega$, $R_2=20\ \Omega$, $R_3=10\ \Omega$, $R_4=10\ \Omega$
 $U=60\text{V}$ $\Delta P\%<5\%$

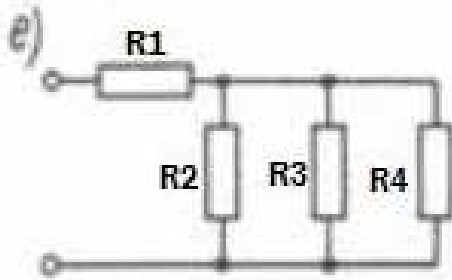


j) $R_1=40\ \Omega$, $R_2=30\ \Omega$, $R_3=20\ \Omega$, $R_4=20\ \Omega$
 $U=260\text{V}$ $\Delta P\%<5\%$

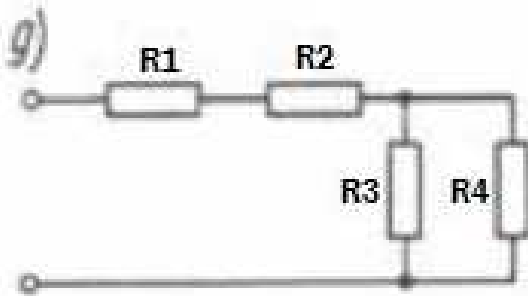
NUMERY PARZYSTE

1. Oblicz spadki napięć, rozptyły prądów oraz wykonaj bilans mocy.

e) $R_1=30\ \Omega$, $R_2=10\ \Omega$, $R_3=20\ \Omega$, $R_4=20\ \Omega$
 $U=105V$ $\Delta P\%<5\%$



g) $R_1=30\ \Omega$, $R_2=5\ \Omega$, $R_3=40\ \Omega$, $R_4=40\ \Omega$
 $U=750V$ $\Delta P\%<5\%$



i) $R_1=7,5\ \Omega$, $R_2=25\ \Omega$, $R_3=10\ \Omega$, $R_4=15\ \Omega$
 $U=340V$ $\Delta P\%<5\%$

