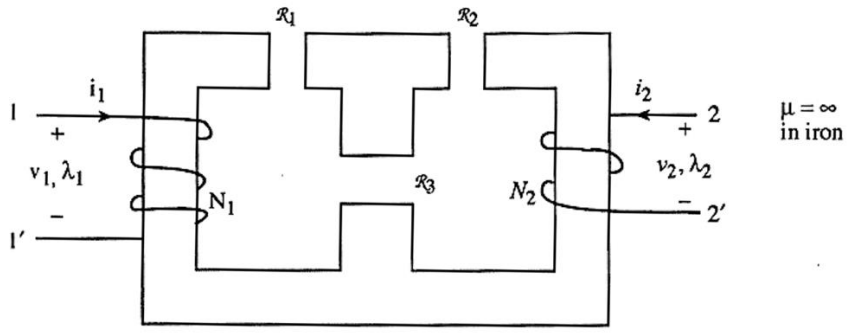

The reluctances for the figure above are given as $\mathcal{R}_1 = 2.4 \times 10^6$ AT/Wb, $\mathcal{R}_2 = 2.6 \times 10^6$ AT/Wb, and $\mathcal{R}_3 = 1.4 \times 10^6$ AT/Wb. $N_1 = 147$ turns and $N_2 = 116$ turns

Keep i_1 and i_2 as variables. What are the inductances of the two coils?

L_1[mH]=	number (rtol=0.005, atol=1e-08)	?
L_2[mH]=	number (rtol=0.005, atol=1e-08)	?

What are the flux linkages in the two coils when $i_1 = 1.2$ A and $i_2 = 2.1$ A ?

λ_1[Wb turns]=	number (rtol=0.005, atol=1e-08)	?
λ_2[Wb turns]=	number (rtol=0.005, atol=1e-08)	?