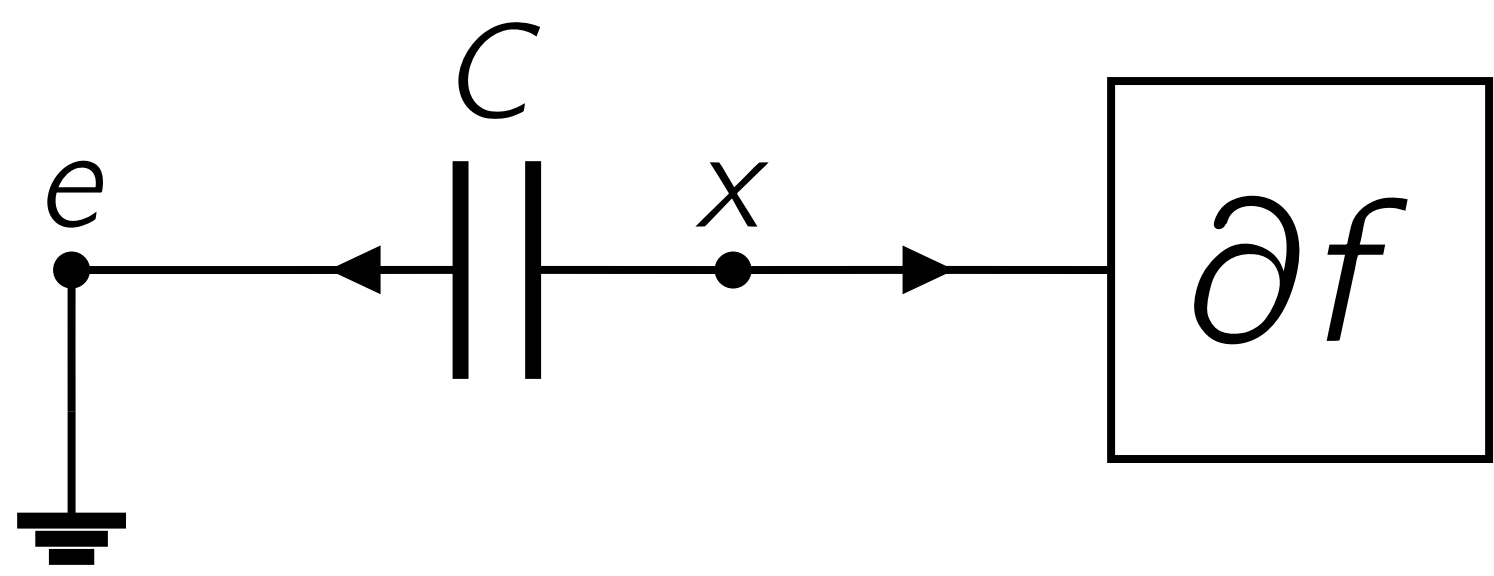


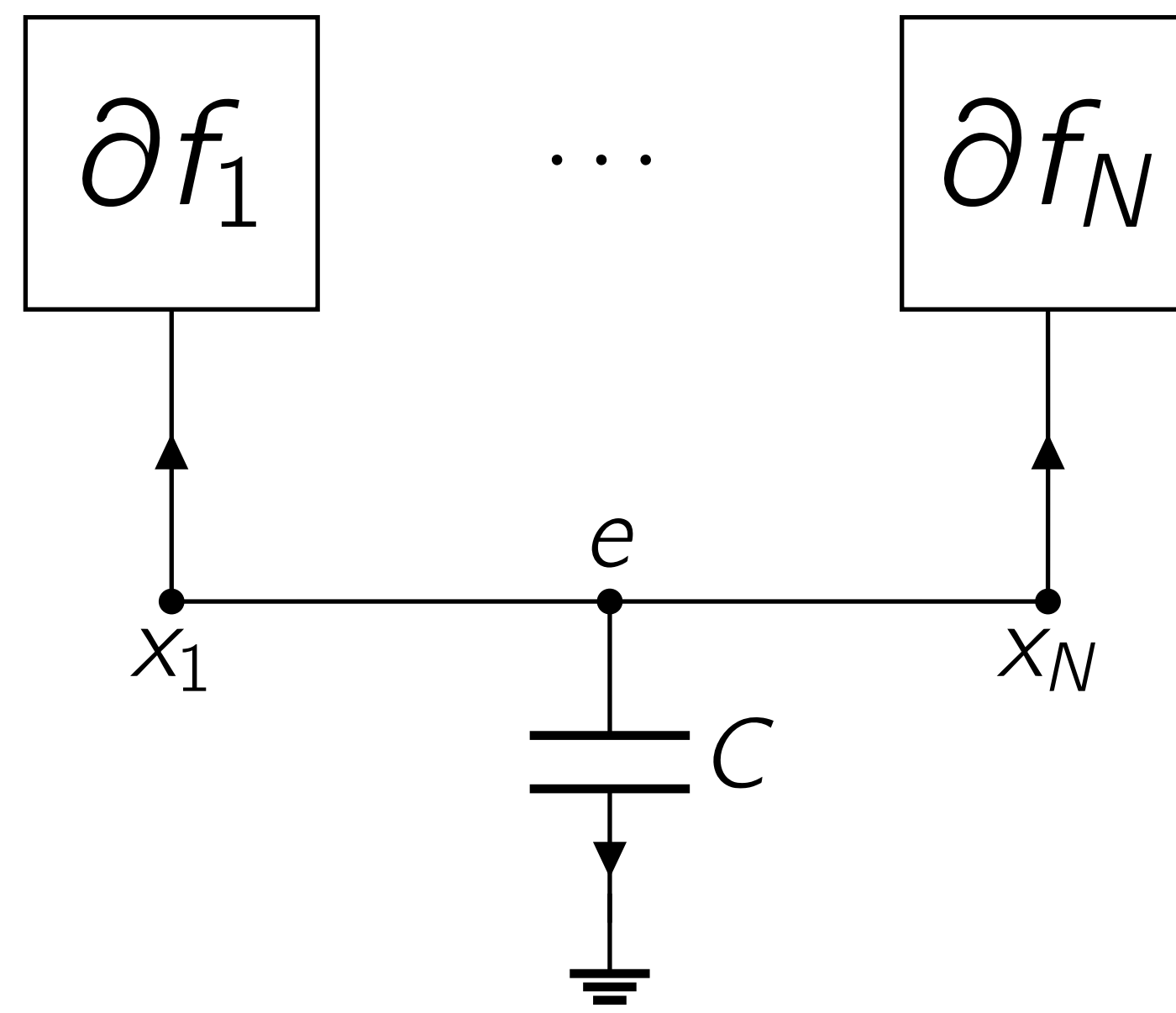
Zoo of Electric Circuits for Optimization Algorithms



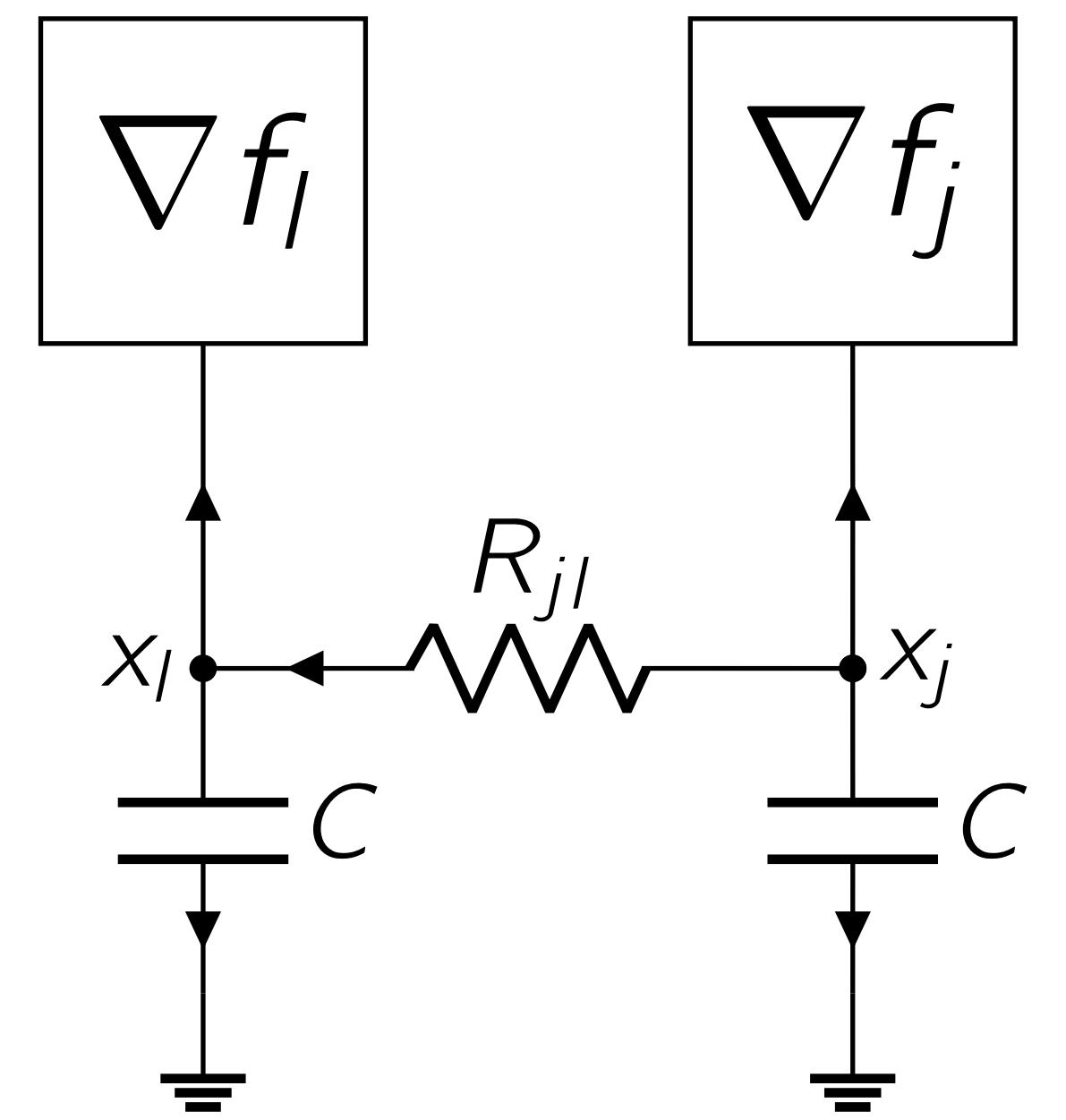
Gradient Descent



Primal Decomposition



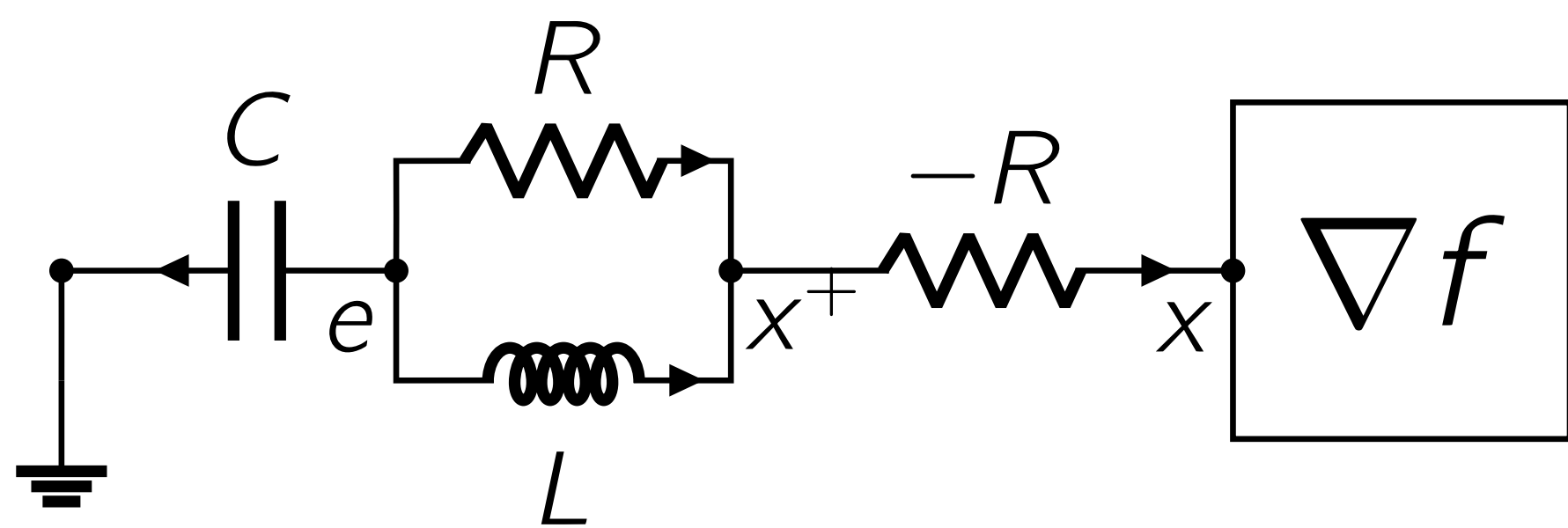
Decentralized GD



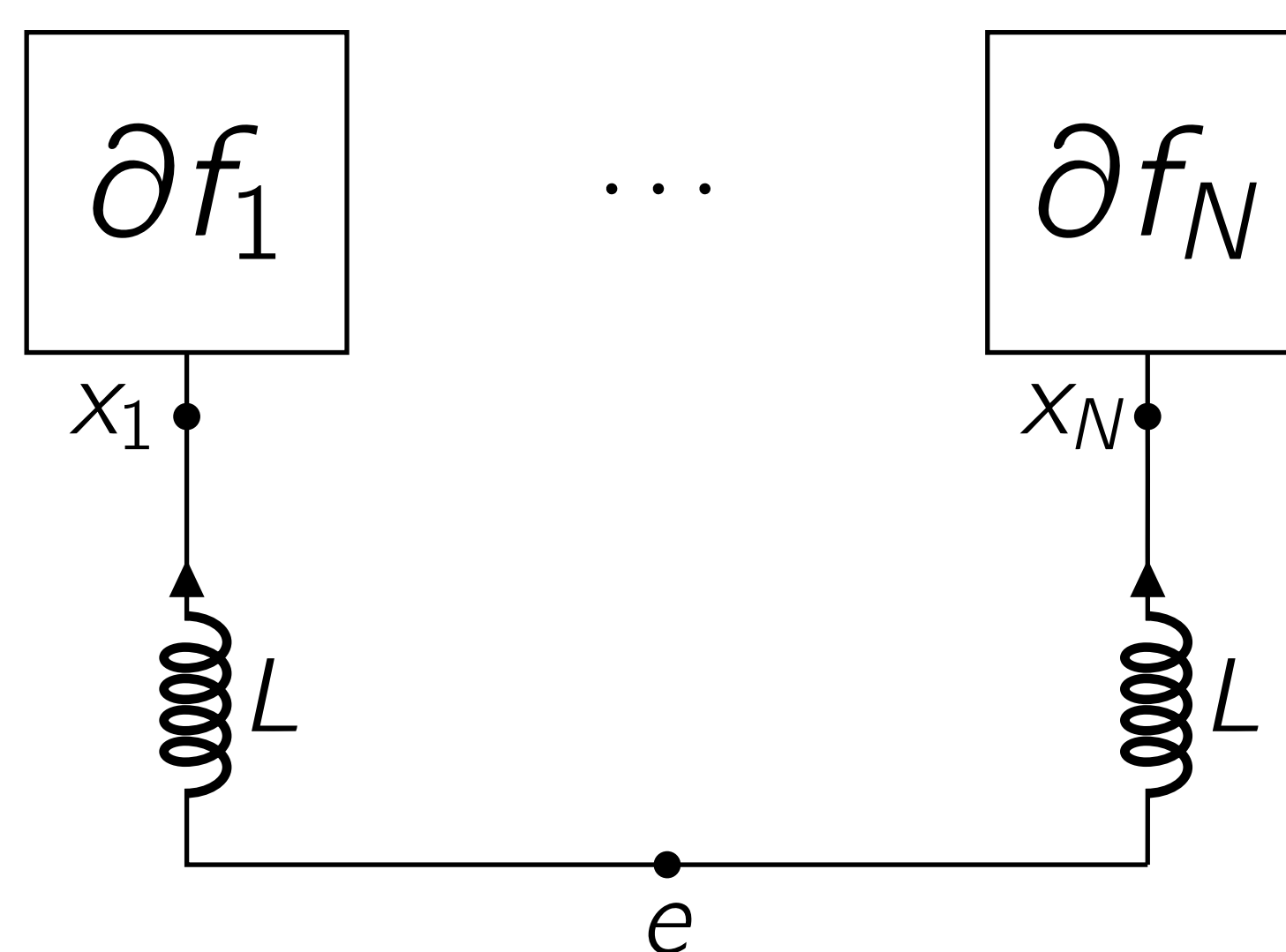
Nesterov acceleration

with $R = \sqrt{L/C}$

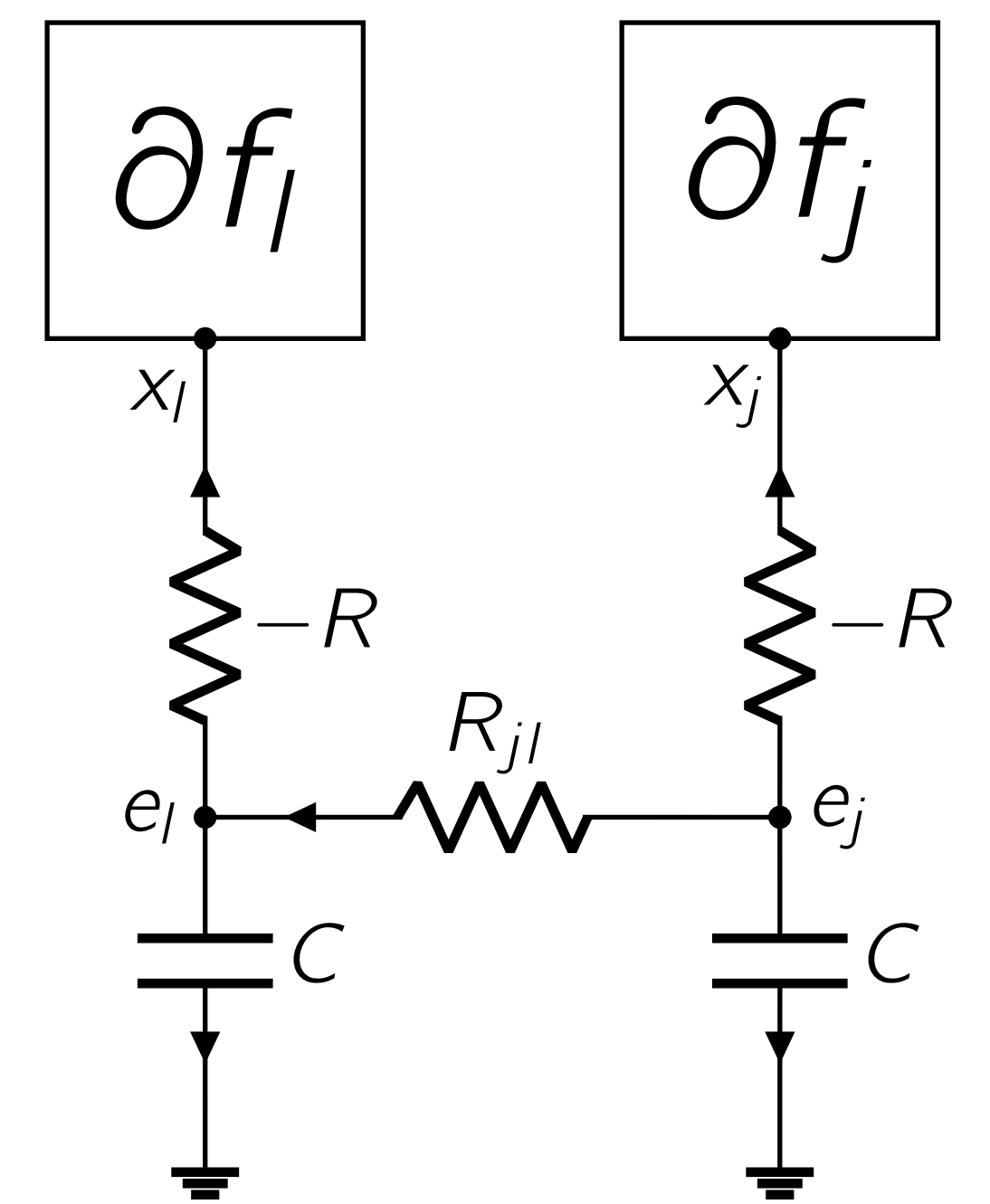
(Acceleration at critical damping)



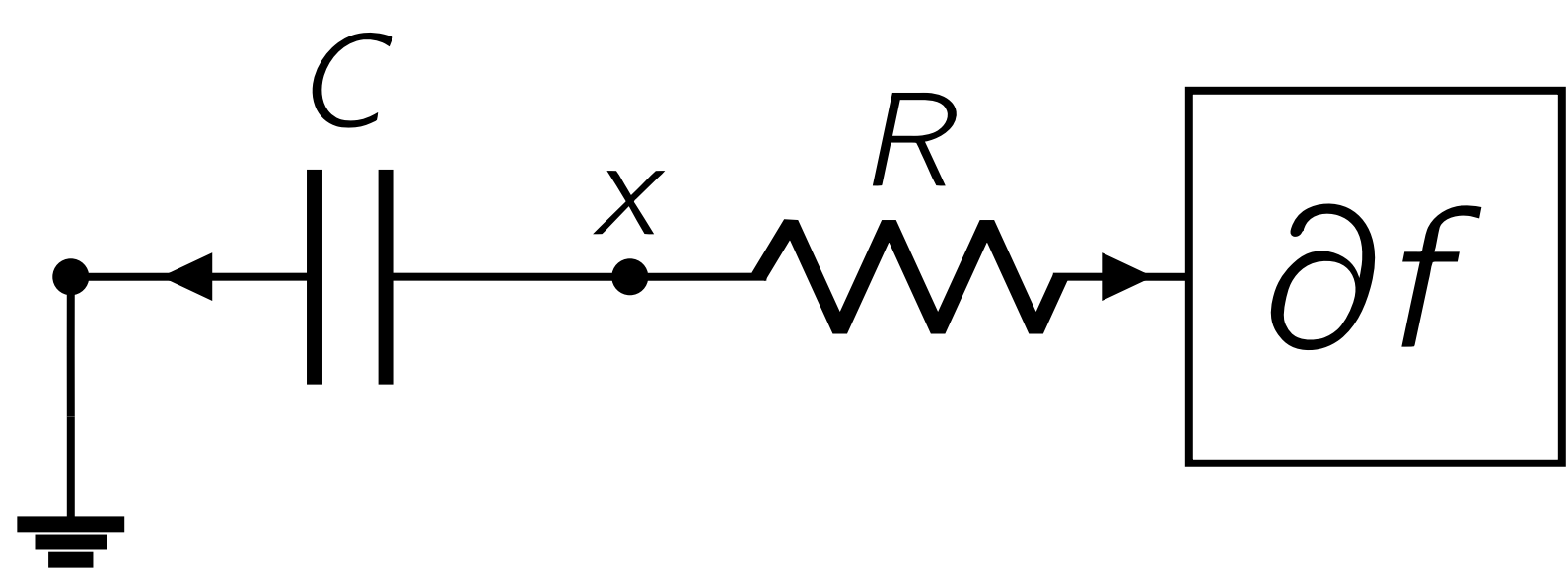
Dual Decomposition



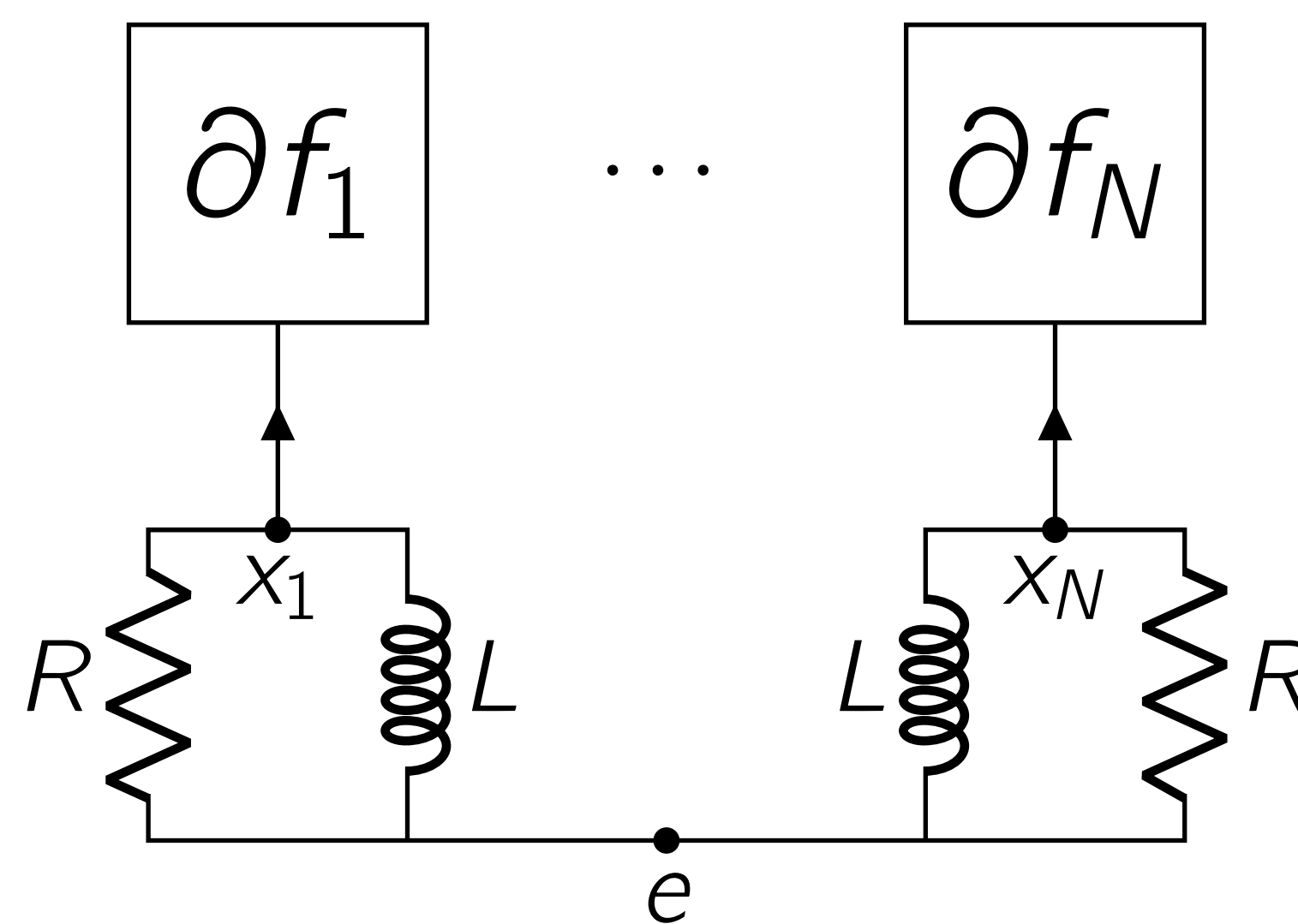
Adapt-then-combine



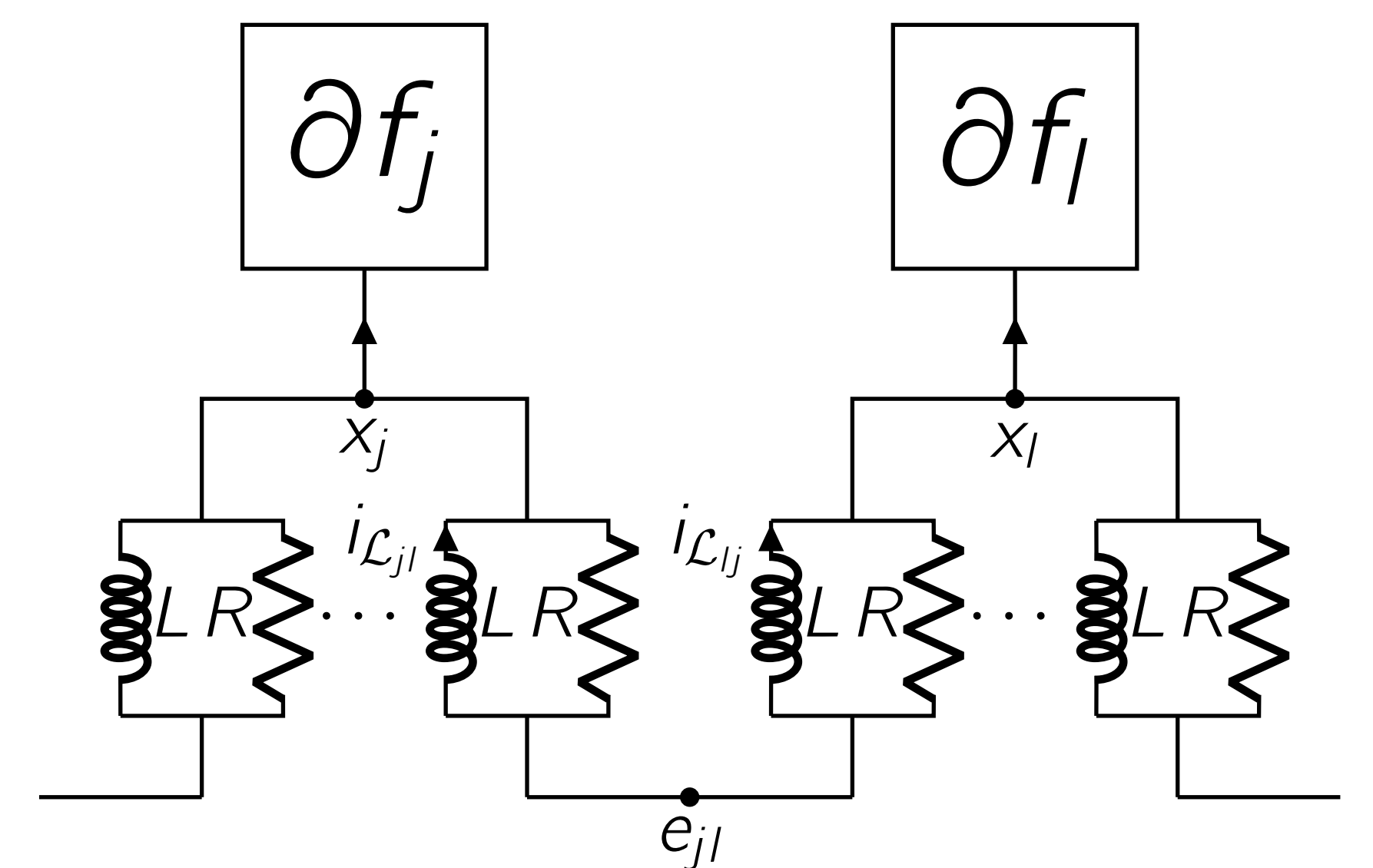
Proximal point method



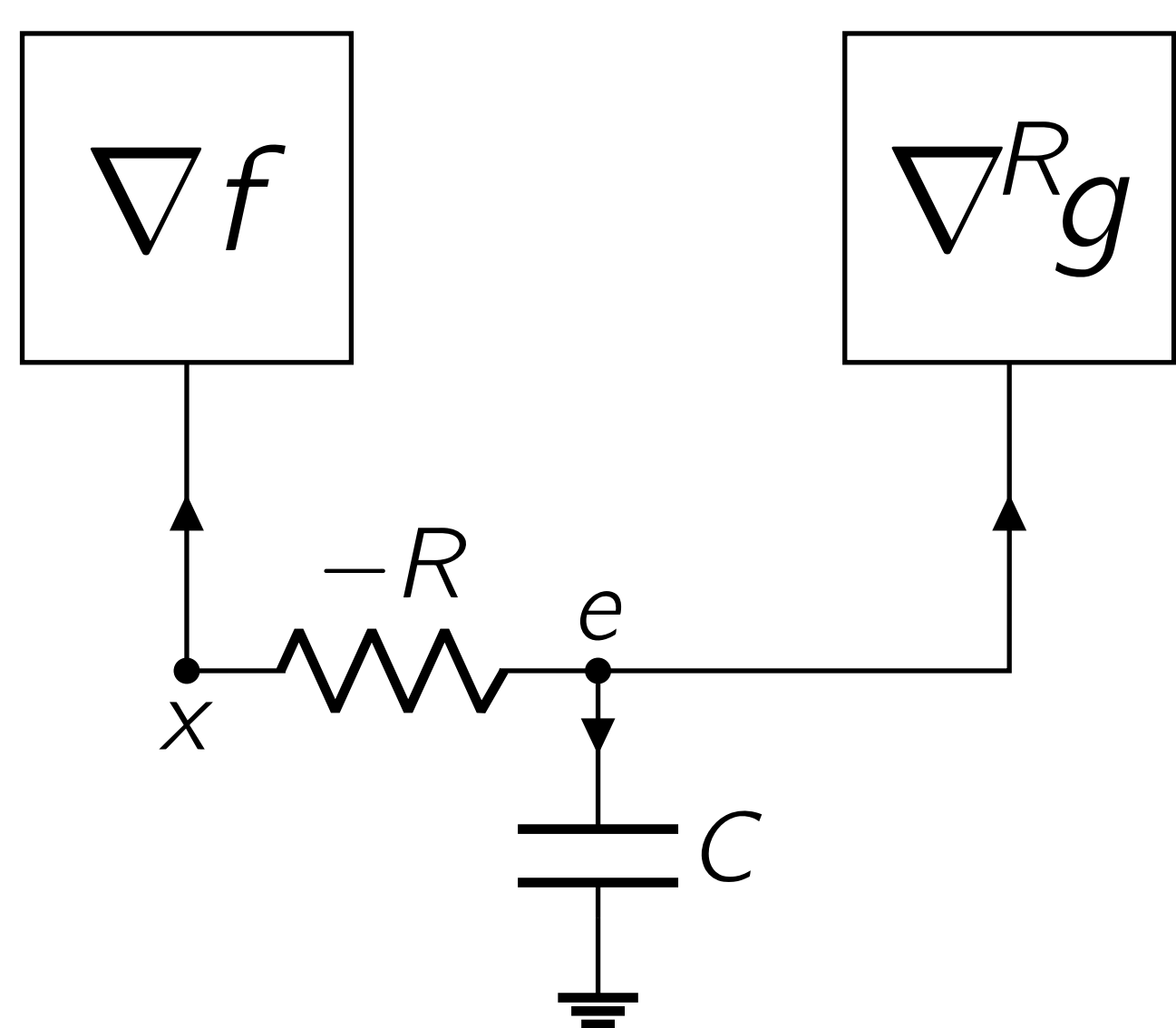
Prox Decomposition



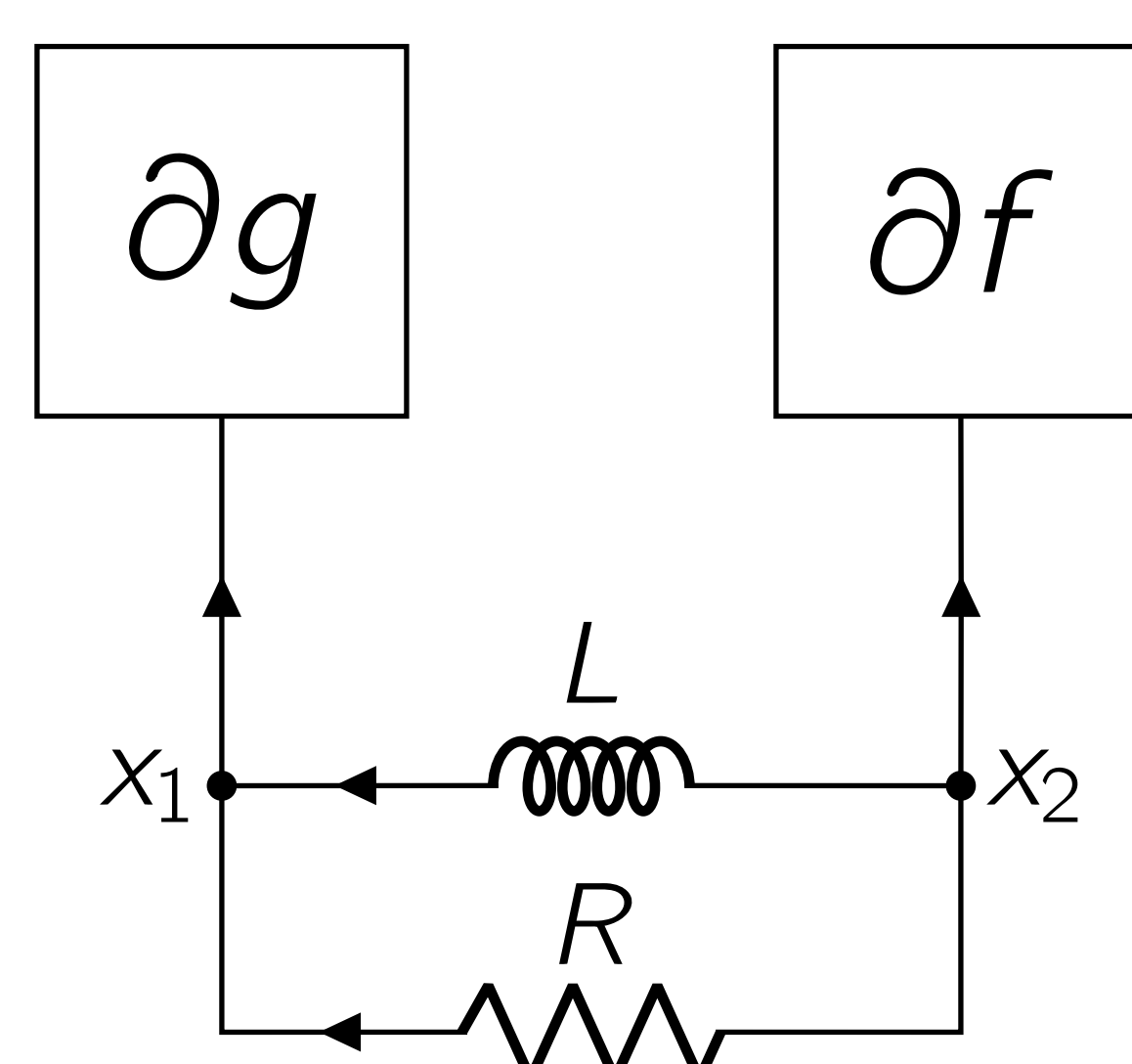
Decentralized ADMM



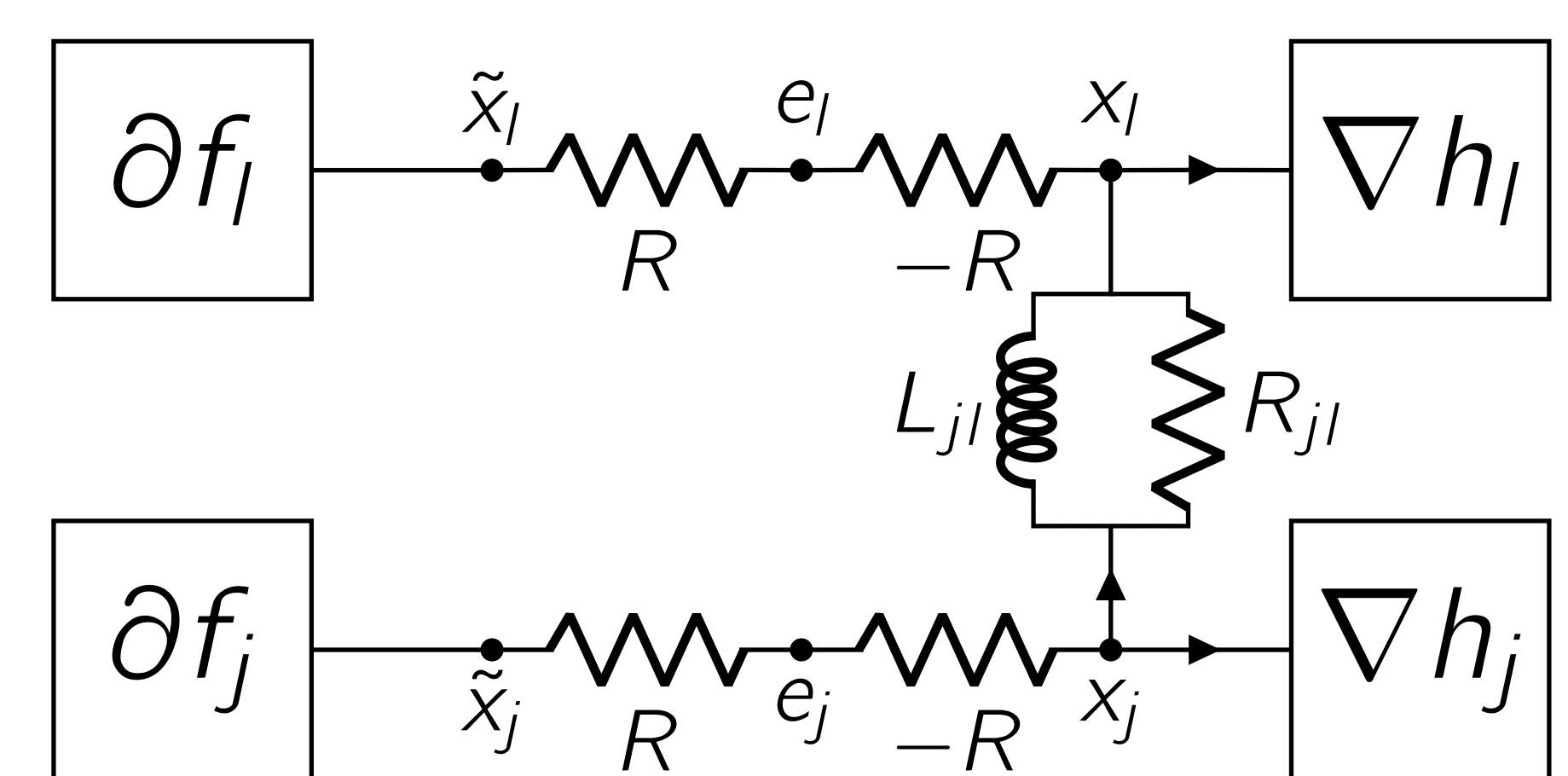
Prox-grad method



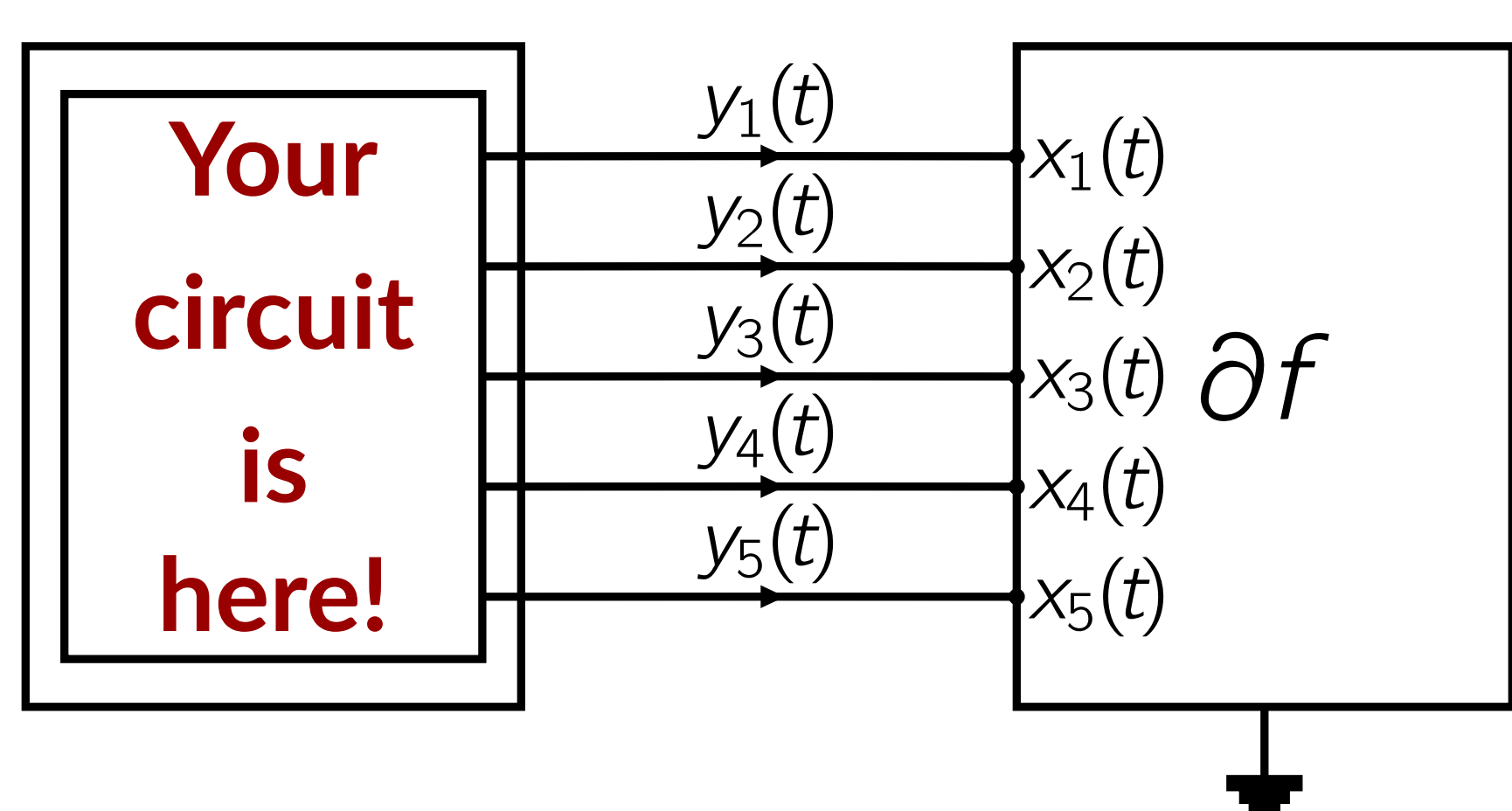
Douglas-Rachford splitting



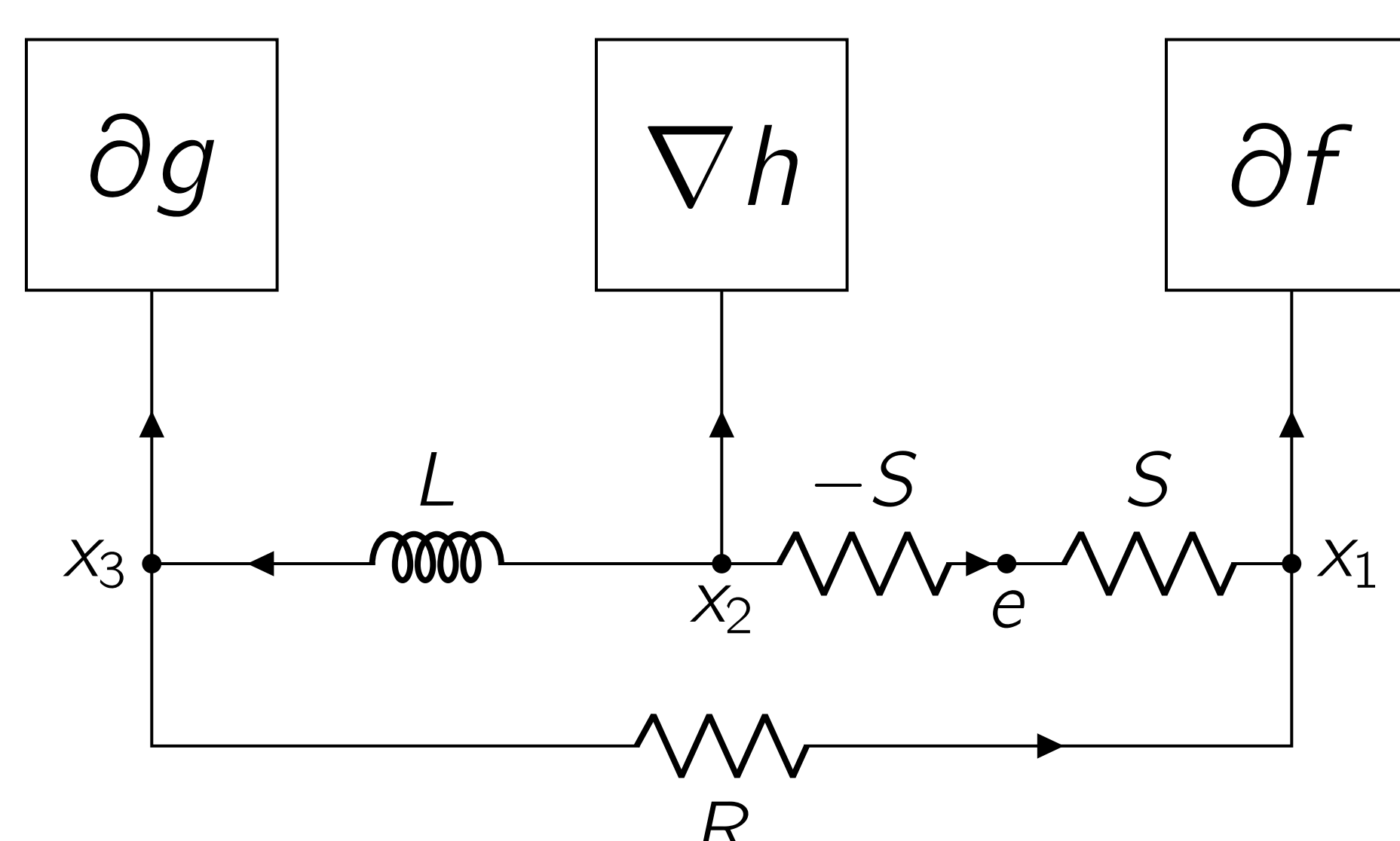
PG-EXTRA



Your algorithm



Davis-Yin splitting



DADMM+C (new!)

