Exercise 18.16

$$(18.16) \hat{\beta}_{0}, \hat{\beta}_{1} = \underset{(A_{1}, B_{1})}{\operatorname{erg min}} \underbrace{\frac{1}{2}L(\gamma_{1}, \beta_{2} + \sqrt{\beta})}_{\text{ext}} + \lambda \beta^{T} B$$

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