

x

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graph TD; x((x)) --> L1; L1 --> L2; L2 --> L3; L3 --> L4; L4 --> u((u))
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L1:

$$y_1 = Fx + f$$

L2:

$$y_2 = \arg \min_{\text{subj. to } z \geq 0} ||Hz + y_1||^2 + \epsilon ||z||^2$$

L3:

$$y_3 = Gy_2 + g$$

L4:

$$u = \text{Proj}_{\mathbb{U}}(y_3)$$

u