## Optimality conditions

$$\mathbf{u}^{\star} = \mathbf{y} - \mathbf{A}\mathbf{x}^{\star}$$
$$\gamma \mathbf{x}^{\star} = [|\mathbf{A}^{\mathsf{T}}\mathbf{u}^{\star}| - \lambda]_{+}$$



Links the primal and the dual optimizers