minimize
$$||x - x_{cor}||^2 + \mu \sum_{k=1}^{n-1} (x_{k+1} - x_k)^2 \ge ||A_{x-b}||^2$$

$$= \left[\begin{array}{c} x_{cor} \\ x_{cor} \\ x_{cor} \end{array} \right]$$

$$= \left[\begin{array}{c} x_{cor} \\ x_{$$