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$$-1 \ x = (pA \ A) \ A \ (b1$$
$$+ 85 \ . \ . \ . \ 1 + b \ p) =$$



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$$\sum_{i=1}^p x_i^2$$

Note that the original  
problem can be written  
as the least squares

problem minimize  $\|Ax - b\|_2$

where  $b = \begin{bmatrix} b_1 \\ b_2 \\ \vdots \\ b_p \end{bmatrix}$ .

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iterative process by which

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solution is therefore

$$-1 \ x = ( \ pA \ A ) \ A \ (b1 +$$
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$$\sum_{i=1}^p x_i - \sum_{i=1}^p x_i$$

Note that the original problem can be written

as the least squares

problem minimize  $\|Ax - b\|$

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