$\frac{1}{2} \int_{1}^{2} \int_{1}$ RHS Left Hand Side (LHS)

 $R = \begin{bmatrix} C_{r_1} \\ \vdots \\ C_{r_m} \end{bmatrix} \qquad H = \begin{bmatrix} A_{r_1} \\ \vdots \\ A_{r_m} \end{bmatrix}$

 $\frac{1}{h_10h_1} = \frac{1}{h_11}$ $\frac{1}{h_2}$ $\frac{1}{h_1n_1}$

MATLAB function inthingroy needs oftimization problem formatted in following form min for subject to $\int A \cdot x \leq b$ (lb $\leq x \leq ub$ this in our paper's voriables can be written as min C(b) subject to egn(*).

This is the LP problem in egn (22) of

PPP_RAPS_Linear.pdf.