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17.812J / 14.296J Collective Choice I
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14.296/17.812 Problem Set 3

PT, ch.5#4 , problem 3.A, and problem 3.B.

For PT ch.5#4, please make the following corrections:

1. Let the utility from the government-provided public good be described by

$$H(g) = \begin{cases} \frac{3}{2}\sqrt{g - g_i} & \text{if } g \geq g_i \\ 0 & \text{otherwise} \end{cases} \quad (1)$$

2. Do not assume that $\varepsilon = 1$. Instead, in *d*), find conditions on ε such that the three-candidate equilibrium, postulated in the statement, exists.