ECON ### Assignment
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PDF Links

Here are 3 link examples:

i) "Internal" links are easy to include in documents. Here is a link to this section: PDF Links.
ii) Here's a link to a random target at the end of the document: End.
iii) Here's an external link to my website: sethkush.com.

Matrices

Matrices can be used in a variety of ways:

In piecewise definitions:

$$\frac{\partial u_t}{\partial y_s} = \begin{cases} 1 & \text{if } t = s \\ -\gamma_j & \text{if } t = s - j \ \ \forall j \in \{1, \ldots, P\} \\ 0 & \text{if } t \neq s \text{ and } t \neq s - j \ \ \exists j \in \{1, \ldots, P\} \end{cases}$$

Or more traditionally:

$$\Rightarrow J = \begin{bmatrix} 1 & & & & & \\ -\gamma_1 & 1 & & & \mathbf{0} & \\ -\gamma_2 & -\gamma_1 & 1 & & & \\ \vdots & \vdots & & \ddots & & \\ -\gamma_P & \vdots & & & \ddots & \\ 0 & -\gamma_P & \cdots & -\gamma_2 & -\gamma_1 & 1 \end{bmatrix}$$