

581 Homework

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Exercise 1

Parameter set 1:

$$\bar{k} = 25.51520163$$

$$F = -0.003937964$$

$$G = 0.008462752$$

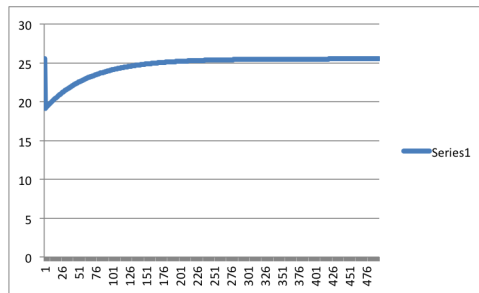
$$H = -0.004515111$$

$$L = 0$$

$$M = 0$$

$$P = 0.985016829$$

$$Q = 0$$



Parameter set 2:

$$\bar{k} = 35.72409233$$

$$F = -0.017701251$$

$$G = 0.037640149$$

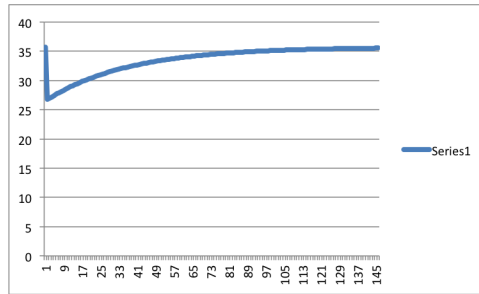
$$H = -0.019864816$$

$$L = 0$$

$$M = 0$$

$$P = 1.153649753$$

$$Q = 0$$



Parameter set 3:

$$\bar{k} = 8.624221921$$

$$F = -0.092616154$$

$$G = 0.207350382$$

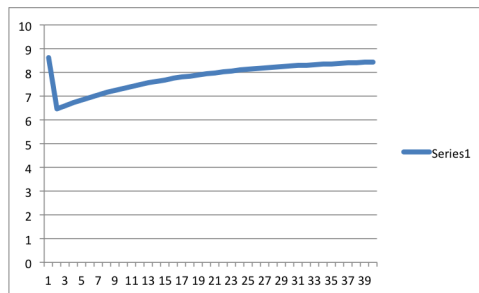
$$H = -0.112997453$$

$$L = 0$$

$$M = 0$$

$$P = 0.937719349$$

$$Q = 0$$



Last time we shocked the steady-state values upwards and this time we shocked them downwards. The result took quite a bit longer to converge than it did for last homework, but it still did.