

There is an error in the setup of Exercise 5, Chapter 6 in Enders, which is the Problem 3 in HW4: in parts e. and f., there should be 0.8 instead of 0.4 as the (1,2)-element of the Pi-matrix?

With the matrix as given in the setup, there cannot be a zero characteristic root, contrary to what sub-question e. suggests (the matrix is NOT singular in this case). With the change of the (1,2)-element to 0.8, the three resulting characteristic roots are what they should be (0.0, 0.5, 0.9).

The Beta-vector from sub-question f. should be modified accordingly (the (2,1)-element should be changed to 0.8).