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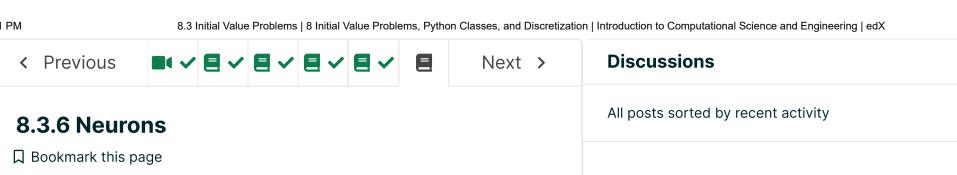
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MO2.4

For the neuron example in Section 8.2.8, Equations (8.32) and (8.33) are also already in the IVP general form and this M=2 system of equations has,

$$u_0 = V, \quad f_0 = \frac{1}{\tau_V} [u_0 (u_0 - V_s) (1 - u_0) - u_1] + I(t)$$
 (8.46)

$$u_1 = W, \quad f_1 = \frac{1}{\tau_W} (\alpha u_0 - u_1)$$
 (8.47)

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