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8.3.5 Rabbits and foxes

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MO2.4

For the predator-prey example in Section [8.2.6](#), Equations [\(8.28\)](#) and [\(8.29\)](#) are already in the IVP general form. This $M = 2$ system of equations has,

$$u_0 = r, \quad f_0 = au_0 - bu_0u_1$$

(8.44)

$$u_1 = f, \quad f_1 = -mu_1 + cbu_0u_1$$

(8.45)

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