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Hwr 11

$$x = \frac{x + ax}{bx + x}$$

$$bx^2 + x^2 - x - ax = 0$$

$$x(bx + x - 1 - a) = 0$$

$$x = 0 \text{ or } x = \frac{1+a}{b+1}$$

$x=0$  is not a viable solution due to it making  $f(x)$  is indeterminate

$x = \frac{1+a}{1+b}$  is the equilibrium point