

$$q = 1 \tag{1}$$

$$1 = sdf \left( theta\, z\, k^{theta-1} + 1 - delta \right) \tag{2}$$

$$k = i + k \left( 1 - delta \right) \tag{3}$$

$$z = z\, rho + 1 - rho + eps_z \tag{4}$$

$$sdf = \frac{1}{1 + r} \tag{5}$$

$$c = z\, k^{theta} - i \tag{6}$$