$$(1) y > p\sin(rx) + qx$$

(2)
$$r_a y = q_c \cos(rx) + \frac{q_c^2}{r_b y}$$

(3)
$$p_a r^2 = \frac{q^2}{y_a} + qr - \frac{p_1}{x^2} \tan\left(\frac{q}{ry_c}\right)$$

$$y_a = q_b x - \frac{p_c}{p_a}$$

(5)
$$r^2 y_c = q_c (e^{rx} - 1)$$

(6)
$$\frac{x_b^2}{r} = \frac{y_a}{q^2} - \frac{1}{r^3}$$

$$r_c = \frac{dq}{dp} - \frac{1}{y_a}$$

$$x_a y_b = r x^2 - \frac{p_b^2}{q}$$

(9)
$$x_c \cos\left(\frac{q_a x}{y_b}\right) = \frac{1}{r_b} \sin\left(\frac{\pi}{2} - \frac{q_a}{r_c}\right)$$