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$$9 = X_1 + X_2 + p_N(X_1^2 - X_2 - 2)^T$$

$$\frac{dq}{dx} = \int 1 + 4x_2 P n (x_1^2 - x_2 - 2)$$

$$1 - 2 P n (x_1^2 - x_2 - 2)$$

$$1 + 4 \times_1 pu = 1 - 2pu$$

$$4 \times_1 = -2$$

$$\begin{array}{c} 1 \\ \times \\ \times \\ \end{array}$$

$$1 - 2\rho u \left( \left( -\frac{1}{2} \right)^{2} - \chi_{2} - 2 \right) = 0$$

$$1 - 2\rho u \left( -\frac{7}{4} - \chi_{2} \right) = 0$$

$$1 + \frac{7}{2}\rho u + 2\rho u \chi_{2} = 0$$

$$2\rho u \chi_{2} = -1 - \frac{3}{2}\rho u$$

$$\chi_{2} = -1 - \frac{7}{2}\rho u$$

$$2\rho u$$

$$X_2 = -2+7pn$$

$$4pn$$

$$4pn$$

$$-2+7pn = \frac{7}{4}$$