

$$= \frac{x^{2} P_{2} K^{2} \# - x_{1} x_{2} P_{2} K + x_{2} x_{1} P_{3} K^{2} - x_{3}^{2} K P_{3}}{P_{2} K^{2} \times x_{1}^{2} P_{2} - x_{2}^{2} P_{3}^{2} + x_{2}^{2} P_{2}^{2} \sin(x_{1}) - x_{2}^{2} K P_{3}^{2}}$$

$$= - \frac{x^{2} x_{1}^{2} P_{2} - x_{2}^{2} P_{3} - x_{1}^{2} P_{2} K^{2} + x_{2}^{2} P_{2}^{2} \sin(x_{1}) - x_{2}^{2} K P_{3}^{2}}{x_{2}}$$

$$= - \frac{x^{2} x_{1}^{2} P_{2} - x_{2}^{2} P_{3}^{2} - x_{1}^{2} P_{2}^{2} K^{2} + x_{2}^{2} P_{3}^{2} \sin(x_{1}) - x_{2}^{2} K P_{3}^{2}}{x_{2}^{2} \times x_{1}^{2}}$$

$$= - \frac{x^{2} x_{1}^{2} P_{2} - x_{2}^{2} P_{3}^{2} - x_{1}^{2} P_{2}^{2} K P_{3}^{2} - x_{2}^{2} P_{3}^{2} + P_{3}^{2} \sin(x_{1}) - x_{2}^{2} K P_{3}^{2}}{x_{2}^{2} \times x_{1}^{2}}$$

$$= - \frac{x^{2} x_{1}^{2} P_{2} - x_{2}^{2} P_{3}^{2} - x_{1}^{2} P_{3}^{2} + P_{3}^{2} \sin(x_{1}) - x_{2}^{2} K P_{3}^{2}}{x_{1}^{2} \times x_{1}^{2}}$$

$$= - \frac{x^{2} x_{1}^{2} P_{2} - x_{1}^{2} P_{3}^{2} - x_{1}^{2} P_{3}^{2} + P_{3}^{2} \sin(x_{1}) - x_{2}^{2} P_{3}^{2} + P_{3}^{2} - x_{2}^{2} P_{3}^{2} + P_{3}^{2} - x_{2}^{2} P_{3}^{2} +$$

