$$= (xin (xi) - xi) \left(\frac{1}{24} + \frac{1}{6} + \frac{2i^2}{36} + 2ii^4 + o(xi) \right)$$

$$= \left(-\frac{2i^5}{6} + \frac{3i}{120} + o(xi) \right) \left(\frac{1}{2^2} + \frac{1}{6} + \frac{2i^2}{36} - \frac{2i^4}{476} + o(xi) \right)$$

$$= (-\frac{2i^5}{6} + \frac{3i}{120} + o(xi)) \left(\frac{1}{2^2} + \frac{1}{6} + \frac{2i^2}{36} - \frac{2i^4}{476} + o(xi) \right)$$

$$= -\frac{5i}{6} - \frac{2i^2}{36} + \frac{2i^2}{420} + o(xi)$$

$$= -\frac{5i}{6} - \frac{2i^2}{360} + \frac{2i^2}{360} + o(xi)$$

$$= -\frac{5i}{6} - \frac{2i^2}{360} + \frac{2i^2}{360} + o(xi)$$

$$= -\frac{5i}{6} - \frac{2i^2}{360} + o(xi)$$

$$= -\frac{5i}{6} - \frac{2i}{360} + o($$