P = x + d o f = x - (x, f > ) = x  $P_{2} = x^{2} + d_{2}P_{1} + d_{2}P_{3} = x^{2} - \frac{(x^{2}, P_{1})P_{1}}{||P_{1}||^{2}} - \frac{(x^{2}, P_{2})P_{3}}{||P_{1}||^{2}} = x^{2} - \frac{1}{3}$   $P_{3} = x^{3} + d_{3}P_{1} + d_{3}P_{1} + d_{3}P_{3} = x^{3} - \frac{3}{5}x$ Py = x" + x43 Ps + x42 Ps + x4, P, + x40 Po  $= x^{4} - \frac{\langle x^{4}, P_{3} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{2}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{1}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{1}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{1} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{2} \rangle}{\|P_{3}\|^{2}} P_{3} - \frac{\langle x^{4}, P_{3} \rangle}{\|P_{3$  $P_{4} = x^{4} - \frac{\langle x', P_{2} \rangle}{\|P_{2}\|^{2}} P_{2} - \frac{\langle x'', P_{0} \rangle}{\|P_{0}\|^{2}} P_{0}$   $= \sum_{i=1}^{n} x^{i} \cdot x^{i} - x^{i} \cdot \frac{1}{3} dx = 2 \sum_{i=1}^{n} x^{i} dx$ > 11 P. 11 = 5 (x - 5) 2 dx = 2 [ = - 12 ] = 2 [ - - = + - ] = -0.38