Hw5:

$$(x_1 - x_1) \sim p^2(p)$$
 $T = \underbrace{\xi}^n x_i + (x_i, p) = p^*(i-p)^{n-1}$
 $L(p) \approx p^{3x_i} + (-p)^{n-3x_i} = p^*(i-p)^{n-7}$
 $L(p) \approx p^{3x_i} + (-p)^{n-3x_i} = p^*(i-p)^{n-7}$
 $L(p) \approx p^{n-1} + (x_i, p) = p^{n-1}$
 $L(p) \approx p^{n-1} + (x_i, p) = p^{n-1} + (x_i, p) = p^{n-1}$
 $L(p) \approx p^{n-1} + (x_i, p) = p^{n$