$$U''(t) = \underbrace{\int_{0}^{t} \int_{0}^{t} \int_{$$

$$U'''(4) = f''(f,f) + 3f'(f,f) + f'f(f) + f'fff$$

These derivatives have a 1-1 correspondence  $= \sum_{i=1}^{N} b_i C_i C_i = b^T C^2 = \frac{1}{3}$ with rooted trees. Elementary differential