Prop 2.1

$$c_1(I) = \sum_{\substack{P \in V(I),\ \dim R/P = d-1 \\ P \supset (0:I^\infty)}} \lambda\left(\frac{R_P}{(0:I^\infty + x_1)_P}\right) \cdot e(R/P).$$

J

avoid localize.

HS multi.

$$J = \underbrace{Q_1 \cap \cdots \cap Q_s}_{\text{necc}} \cap Q_{s+1} \cap \cdots \cap Q_r \quad \text{unless.}$$

$$P_1 \cdots P_s$$

$$L = P_1 \cap \cdots \cap P_s.$$

$$J : (J : L^\infty)^\infty$$