

Fact: Denote
$$g^*(c) := \frac{(n+1)(n-2)}{2} - \sum_{R \in C} \frac{r_{k}(r_{k-1})}{2}$$
. Then
$$g^*(c) := g^*(c) - \sum_{i=1}^{s} \frac{r_{k}(r_{i-1})}{2}$$

$$r_{i} \neq 1$$

$$g^{*}(c') < g^{*}(c)$$

If:
$$deg(c') = 2n-r$$

[0:0:1] & [0:1:0] & [1:0:0]

Singular pers on c' :

 $Z = 0$ & $X \neq 0$, $Y = 0$.

The one coming from C [0:0:1]

$$g^*(C') = \frac{(2n-r-1)(2n-r-1)}{2} - \frac{n(n-1)}{2} - \frac{n(n-1)}{2} - \frac{(n-r)(n-r-1)}{2} - \frac{r_p(r_p-1)}{2}$$

$$P \in C \setminus [o:o:1]$$

