

$$\begin{array}{l} f\in \\ Q[X,Y] \\ f(x,y)=aX^3+bX^2Y+cXY^2+dY^3+eX^2+fXY+gY^2+hX+iY+J, \end{array}$$

$$\begin{array}{l} C \\ Q^2 \\ f \\ A_R^3\backslash \\ \mathfrak{L}\{(0,0,0)\} \\ (a,b,c)\sim \\ (a_1,b_1,c_1) \\ t\neq \\ 0 \\ (a,b,c)=(ta_1,tb_1,tc_1). \end{array}$$

$$\begin{array}{l} [a: \\ b: \\ c] \\ P_R^2= \\ A_R^3/\{(0,0,0)\} \\ R \\ P_K^n= \\ A_K^{n+1}/\{(0,0,0,\ldots)\} \\ n \\ K \\ L \\ P_K^n\longrightarrow \\ P_L^n \\ [x_0: \\ \vdots \\ x_n]\in \\ P_K^n \\ [x_0: \\ \vdots \\ x_n]\in \\ P_L^n \\ P_R^{n+1} \\ A_R^{n+1} \\ P^0 \\ A^1 \\ A^0 \\ P^0 \\ A^0 \\ P^{n+1} \\ A^{n+1}\sqcup \\ P^n \\ U_0= \\ \{[x_0: \\ \vdots \\ x_{n+1}]: \\ x_0\neq \\ 0\} \\ x_0\neq \\ 0 \\ \phi:U_0\longrightarrow A^{n+1} \end{array}$$

$$[x_0:\ldots:x_{n+1}]\longrightarrow (x_1x_0,\ldots,x_{n+1}x_0),$$

$$\psi:A^{n+1}\longrightarrow U_0$$

$$(x_1,...,x_{n+1})\longrightarrow [1:x_1:\ldots:x_{n+1}],$$

$$\begin{array}{l} \phi \\ \psi \\ V_0= \\ P^{n+1}\backslash \\ U_0 \\ V_0\longleftrightarrow P^n \end{array}$$

$$[0:x_1:\ldots:x_{n+1}]\longleftrightarrow [x_1:\ldots:x_{n+1}].$$

$$\begin{array}{l} P^0 \\ P^0 \\ K^n= \\ A^n_K= \\ P^n_K= \\ \Pi^{\mathcal{C}}_K \\ A^{n+1}_{n+1} \\ A^{n+1} \\ [\Pi] \\ \Pi\backslash \\ \{(0,...,0)\} \\ P^n \\ \mathfrak{P} = \\ \mathfrak{P}[\Pi] \end{array}$$