Nekyus 8 Cucilius peuseral
& P

=> peuseral & K · Teopenia o Hydex KCP FACF Arrespanseckée un. bo $X = \{ \overline{m} \in K^n | \bigwedge_{i=0}^{\infty} f_i(\overline{m}) = 0 \}$ XCK $f_i \in K[\bar{t}]$ $\bar{t} = (t_1, ..., t_n)$ X 1 X 2 - auresp => X11X2, X1VX2-auresp. f(m)=0v Proncipy kiabre - Symba komó. améspens. $g(\bar{m})=0 \leftrightarrow fg(\bar{m})=0$ $(X_1 - Y_1) \cup (X_2 - Y_2) \cup \dots$ Onp X< K" on pedemino Had K, ecul cyny. grapingue A(B, a) $X = \{ \overline{m} \in K^n | K \models A(k, \overline{m}) \}$ a= (9,,..., 94) B = (6, -, 6,) of (my, mz) (m, · i+ m2 = 0 Teopena 8.1 KEACE. XCK" KOHLIPYKRUBER (=> X on produceno mad K $X = \{ \widehat{m} \mid K \neq A(k, \widehat{m}) \} = \{ \widehat{m} \mid K \neq B(k, \widehat{m}) \}$ ACFLA <> B SeckBUT. B-ajou => 3 3 aver cut. u.bo

Teopena 8.2 (Melande)
Nonthon, Spez Koncop- M-ba Had KFACF
- Koncopyetulende el-bo.

$$F[X] = \{(F_{\lambda}(\bar{m}), --, F_{z}(\bar{m})) \mid \bar{m} \in X\} =$$

$$= \left\{ \overline{J} \in \mathbb{K}^{2} \mid \overline{J} \overline{m} \in \mathbb{X} \left(d_{1} = F_{1}(\overline{m}) \Lambda \dots \Lambda d_{2} = F_{2}(\overline{m}) \right) \right\}$$

On perenusio

$$\begin{cases}
m \left| \bigwedge_{i} f_{i}(\bar{m}) = 0 \right| \wedge \int_{j} g_{i}(\bar{m}) > 0
\end{cases}$$

$$f(\bar{m}) + g(\bar{m})$$

$$f(\bar{m}) < g(\bar{m})$$

Thumis. populge
$$P_i(x,\bar{a}) > 0$$

 $B(\bar{a}) = -1 \times A$ $B_i(x,\bar{a})$
 i
 $R \models B(\bar{a}) \longleftrightarrow B'(\bar{a})$

Morkyal nongarr. u-be - nongar.

$$x_{-1}=0$$
 x_{-y^2}

Bi 3avaner nougener u-ba

$$p(x,\bar{a}) = D$$

R==1x ax2+6x+c>0 → a>0 V a<01730 V a=01...
</p> Onp Brakober duaspenue 913..., 9K E [K[t] xs <--- < xm − kopm 9, ... 9k (-00, 01) d1 (x1,02) d2 ... dn (xm,+00)

Bepengarun, Wens (AH. A. Myrmk)

2m+1

$$P_{i}(t,\bar{u}) = p_{i\bar{u}}(t) \qquad \mathbb{Z}[\bar{u}][t] \cong \mathbb{Z}[\bar{u},t]$$

$$\mathbb{Z}_{ju} \text{ for some sum } \bar{u} \text{ however any Reft}$$

$$\mathbb{Z}_{iu}[t] \cong \mathbb{Z}[\bar{u},t]$$

$$\mathbb{Z}_{$$

Ochobres remus [houganzesp.

Tiprospasolemes u- ba no unomoral

1. Ydanemie crapmero rusta

2. Стариний коэд.

3. $\frac{\partial}{\partial x}$ 4. $\frac{\partial}{\partial x}$ = $2est(fa_n^M, g)$

anxh+anyx"-1 C1n-1 x h-1+ -- ,

an-crafinain kozen

 $\frac{1}{g} \frac{fa_n}{g} = \frac{1}{g} \frac{1}{g}$

deg z < deg g