VII Conice:

O conico este curlea care se altire pin intersedarea

Setjunie conica.	acutie
cerc	x2+ y2 = 22
elipsa	$\frac{\chi^2}{a^2} + \frac{\gamma^2}{6^2} = 1$
porolela	ye = rax
hiperleda	$\frac{x^2}{a^2} - \frac{7^2}{6^2} = 1$

Cor general:

$$P = \frac{1}{2} (x_1, \dots, x_m) \in E_m | P(x_1, \dots, x_m) = 0$$

ande $P: E_m \to P, P(x_1, \dots, x_m) = \sum_{i,j=1}^{m} a_{ij} \times ix_j + 2 \sum_{i \ge 1} a_{ij} \times i + c$

ng a 21

Matriceal arem: $C(X) = {\atop \times} {\atop$

A=(a &) e mm+1(a) 2 = 29a 2) = 2gA egn, 2+11, 2+2] S = deta S= det A P(X) = det (a - 2 Im) = polisionnel conadenistic Spec (a) = {21, ..., 2m} invananti alesoluti: 2,2', \$, 2;, &, 2; Binvarianti relativi: 8, s, 2;->2; 5 -> 2 - 5 5 -> x ~ +1 5 I - Tra - & Tra elipsa: B F, F) = punde de focalizare (A perforin (punt apropriat) afaire (al mai deportat)

Paralola: man Y= ax2+ax+c 42= 50x ,0>0 HiperCola: Down