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EXAMPLE 2: R= CITES)
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 $y^2 = (x^3 - t)(x^3 - t^2) = f(x)$; $f_1(x) = x^3 t$, $f_2(x) = x^3 t^2$ J: primitive 3rd root funity Roots of = 2+3, 3+3, 3+3, 3+3, 3+3, 3+3 Amin = Vt (die (f,)) + Vt (die (f2)) + Vt (Resultant (f3, f,)) = 2(3)(3)+2(3)(3)+2.3.3. = 12 dir(f,)= H,-3(00), dir(fz)= Hz-3(00)

Hz vis eregular, Hz in not.

We will draw the special fibers of the models of PK that we obtained at the end of each of the steps 1-5,

· Points of intersection of ys = y's H3 & H2 with the special (End of Steps)

$$a_{i} = (3-m_{\Gamma_{i}}) \times (1\Gamma_{i}) + \sum_{j \neq i} (m_{\Gamma_{j}} - 1) \Gamma_{i} \cdot \Gamma_{j}$$

$$- \text{Art}(\mathcal{X}/S) = \sum_{i} a_{i} + \sum_{i \neq j} \Gamma_{i} \cdot \Gamma_{j}$$

$$= \sum_{i} a_{i} + 8$$

$$a_{1} = -2 + 3 = 1$$

$$a_{2} = a_{5} = a_{6} = 0$$

$$a_{3} = -10 + 3 + 2 + 4 = -1$$

$$a_{4} = -4 + 5 = 1$$

$$a_{7} = -4 + 3 = -1$$

3) - Art (X/s) = 12 = 1 min.