Example

$\mathbb{F}_9 = \mathbb{F}_3[\alpha]$ with $\alpha^2 + \alpha + 2 = 0$,

- $E = \mathrm{div}(x_0^e) = e \cdot \mathrm{div}(x_0)$, $\deg(E) = e$.
- Curves: $m = 7$ and $d = 1$

C_1: $x_1 = 0$, C_2: $x_2 = 0$,

C_3: $x_0 + x_1 + x_2 = 0$, C_4: $\alpha x_0 + x_1 + 2x_2 = 0$

C_5: $x_0 + \alpha x_1 + 2x_2 = 0$,

C_6: $\alpha^3 x_0 + x_1 + 2x_2 = 0$,

C_7: $\alpha^5 x_0 + \alpha^7 x_1 + 2x_2 = 0$.

- Points on each curves: $P_{ij} = (1, a_{ij}, b_{ij})$
  $i = 1, \ldots, 7$, $j = 1, \ldots, 9$, i.e., $n = 9$.
  Remark) $N = \#C_i(\mathbb{F}_9) = 10$ ($\forall i$)

If $0 \leq e \leq 6$, then $n > d \cdot e$ and $m \cdot d > e$,
and $\mathrm{Supp}(E) \cap P_{ij} = \emptyset$.

The code $C(\mathbb{P}^2, \mathcal{C}, E)$ is

$$[93, \tfrac{1}{2}(e+1)(e+2), \delta]\text{-code}$$

with $\delta \geq (m - [e/d])(n - de) = (7 - e)(9 - e)$.