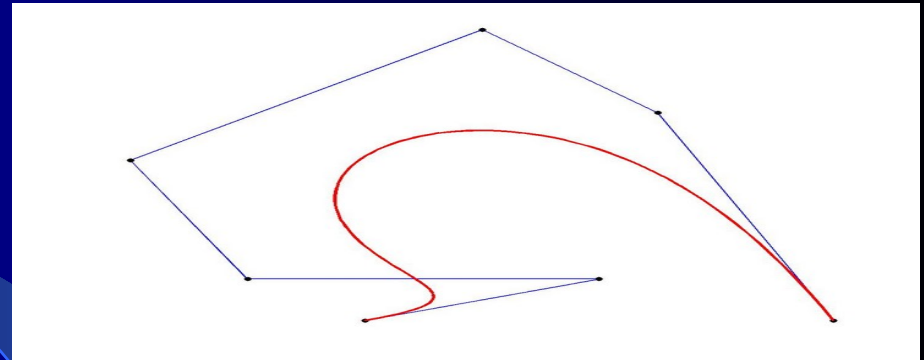


When? Who? How?

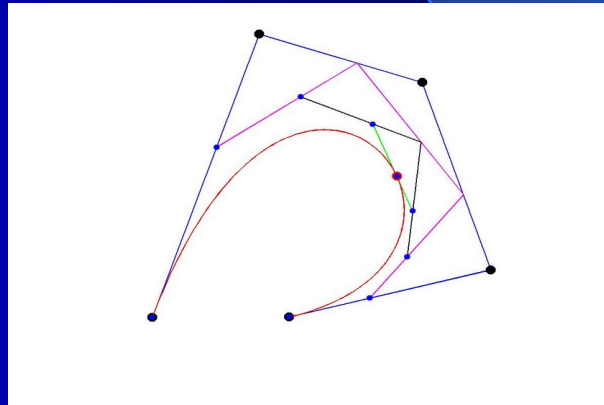
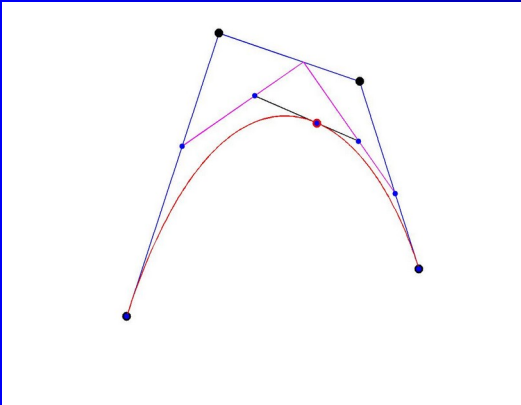
Modelizing arbitrary curves (and surfaces) :

« Bézier Curves » :

$$C(t) = \sum_i P_i B_i^n(t)$$



« De Casteljau algorithm » :



$$C(t) = \sum_i P_i B_i^n(t)$$

Two questions to the audience

Who was the first to find/create/invent the « Bézier curves »?

A large, decorative, light blue curved shape that starts from the left edge of the slide and curves downwards and to the right, ending near the bottom right corner. It has a soft, painterly appearance with some internal shading.

Two questions to the audience

Who was the first to find/create/invent the « Bézier curves »?

A : Pierre Bézier

B. Paul de Faget de Casteljau

C. Albert Cohen and Julie Digne

D. Christophe Rabut

Two questions to the audience

Who was the first to find/create/invent the Bézier curves?

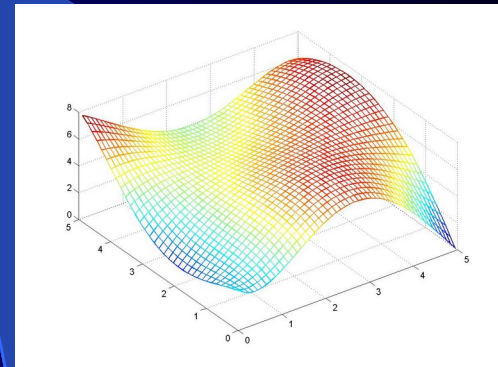
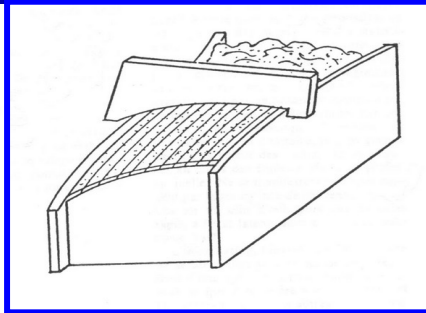
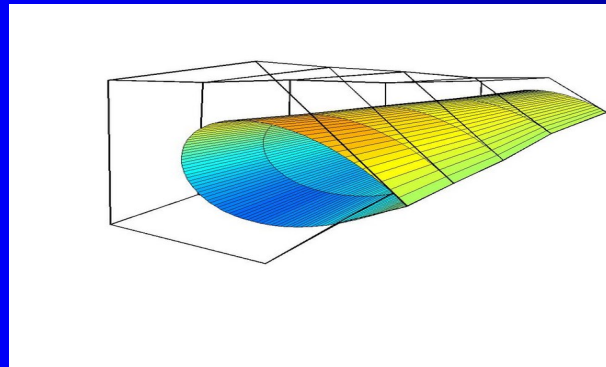
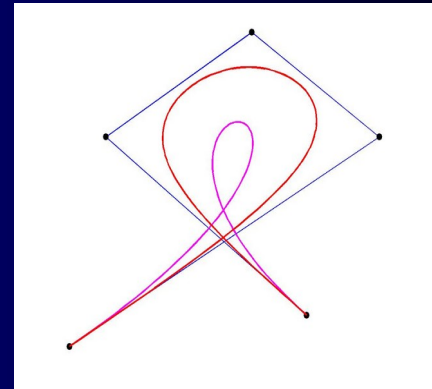
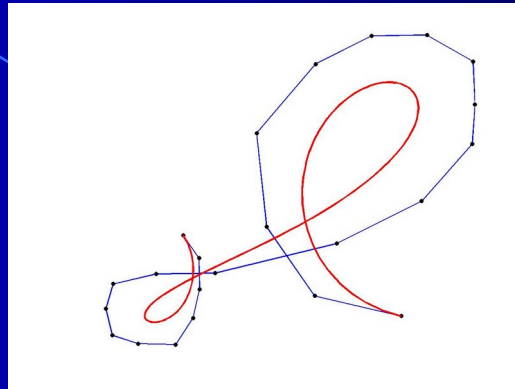
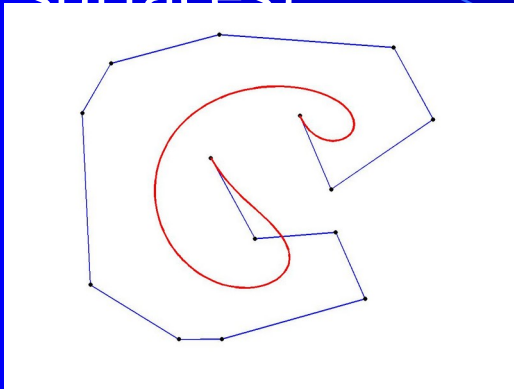
- A : Pierre Bézier
- B. Paul de Faget de Casteljau
- C. Albert Cohen and Julie Digne
- D. Christophe Rabut

Who was the first to find/create/invent de Casteljau algorithm?

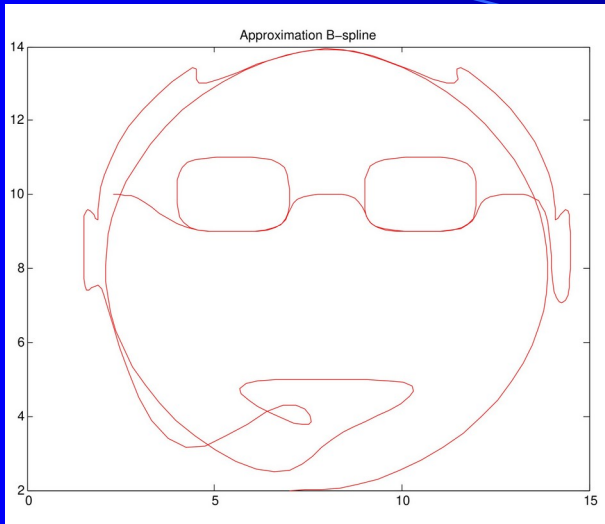
- A : Pierre Bézier
- B. Paul de Faget de Casteljau
- C. Albert Cohen and Julie Digne
- D. Christophe Rabut

The poster

1. Will answer the two questions.
2. Will explain how they found the curves (and the surfaces)



$$S(u,v) = \sum_j \left(\sum_i P_{ij} B_i(u) \right) B_j(v) = \sum_{i,j} P_{ij} B_i(u) B_j(v)$$



I wish you a nice poster session
!

