

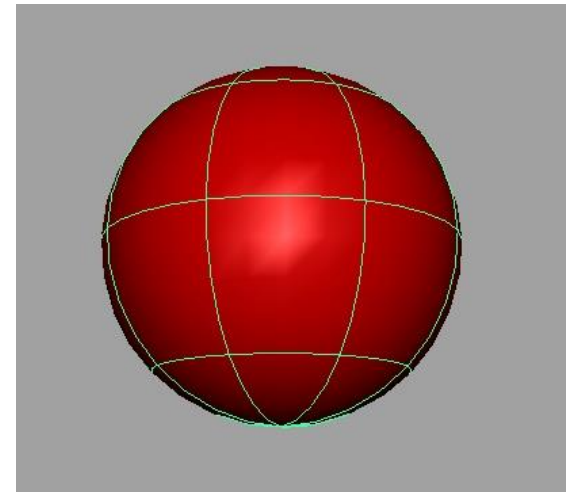
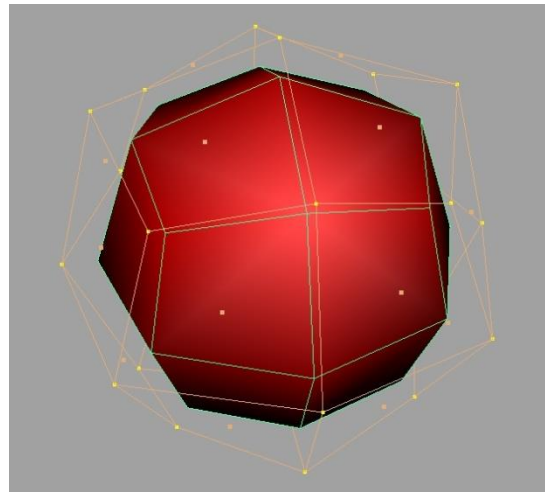
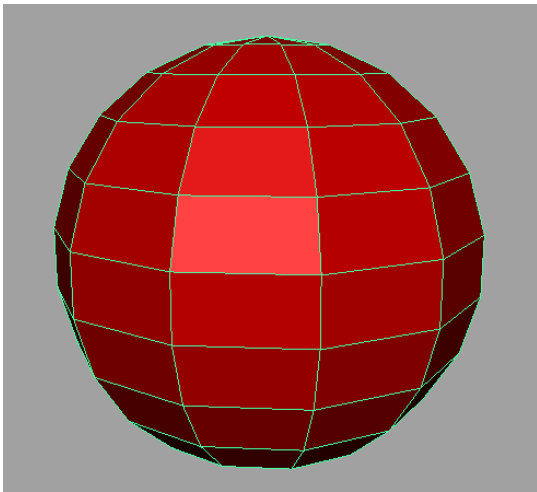


Prostoročno modeliranje površja

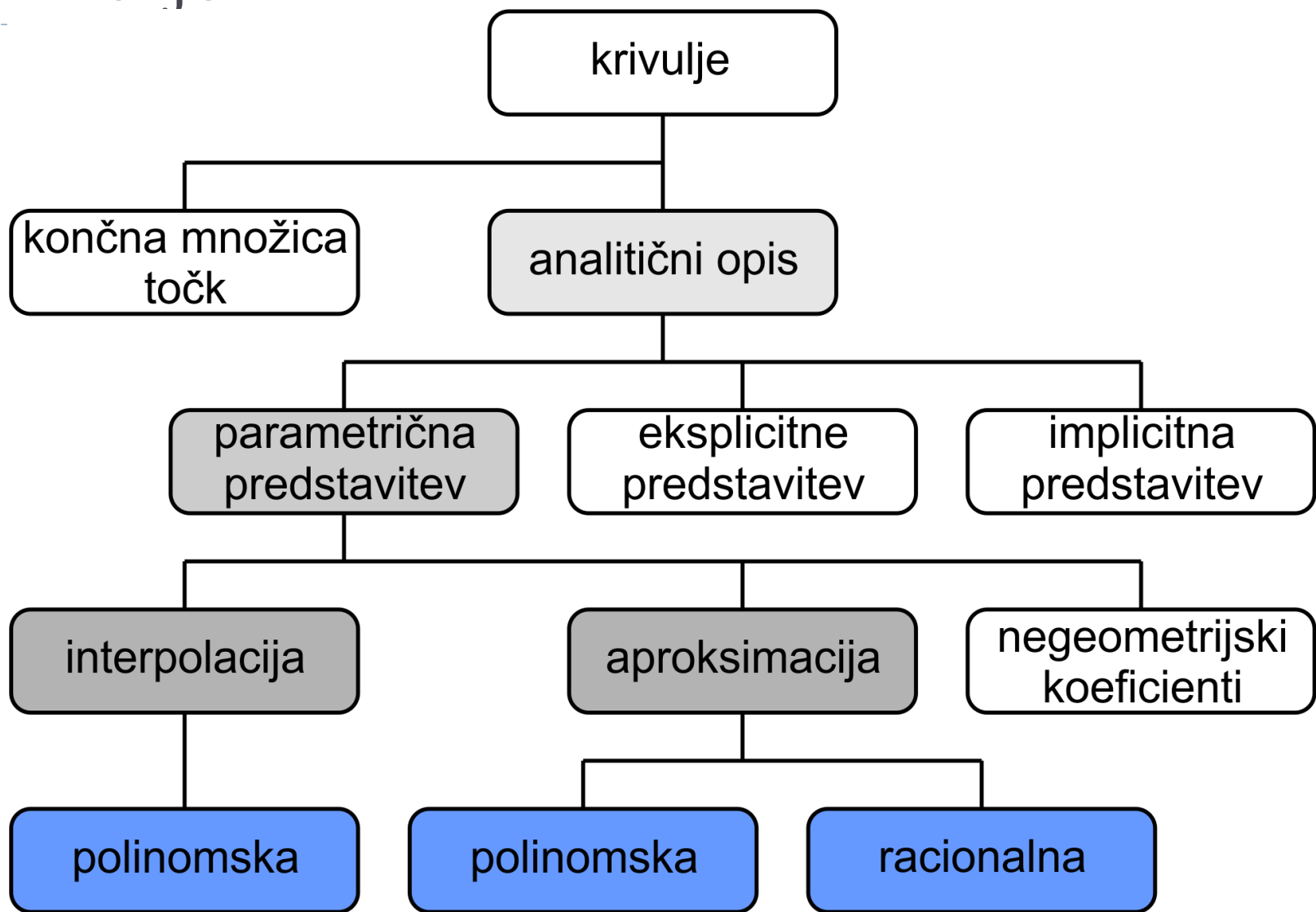
Free-form surface modelling

Modeliranje ploskev

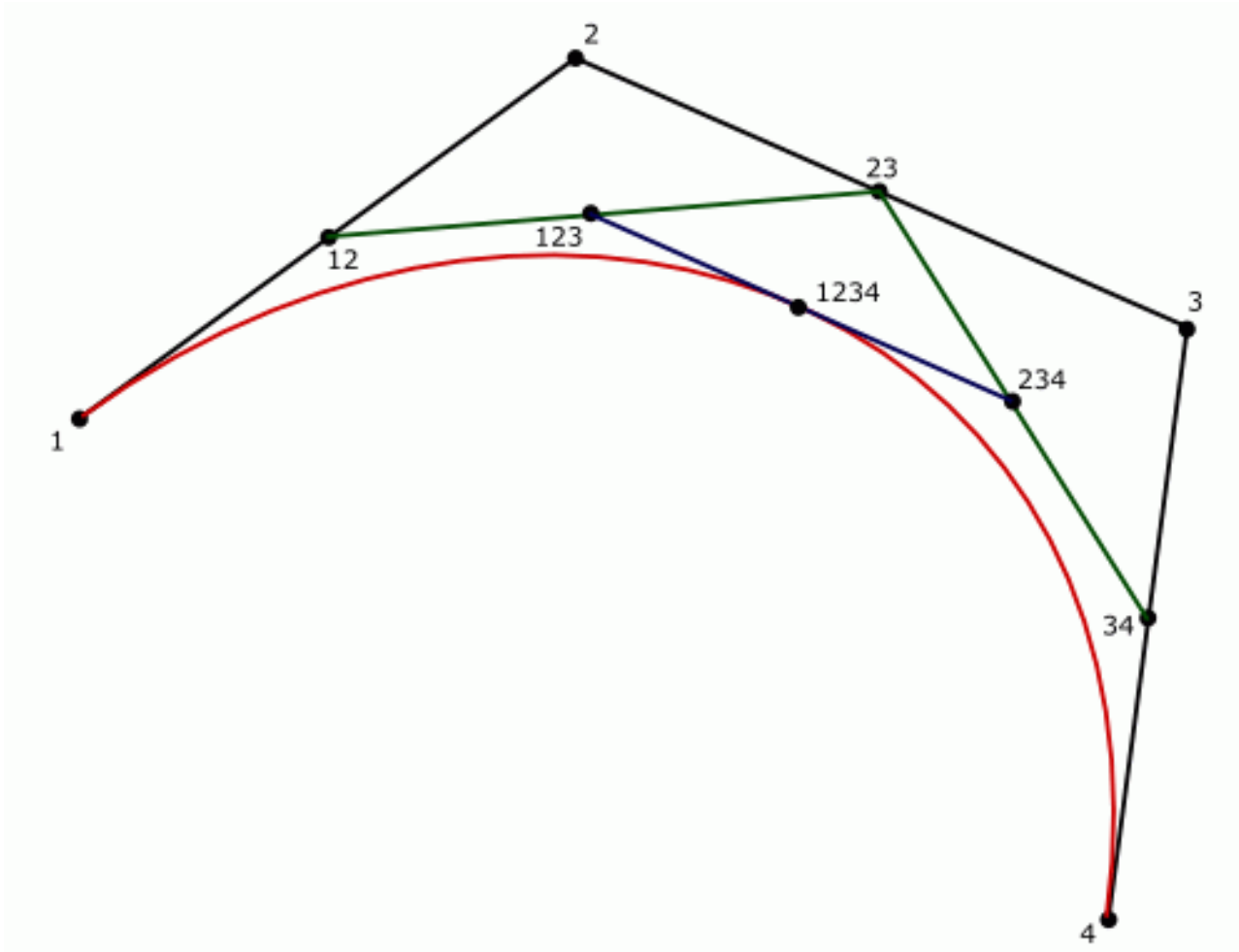
- ▶ Mnogokotniški modeli
- ▶ Krpe (NURBS, Bezier, B-zlepki, ...)



Krivulje



De Casteljauv postopek



Citroen



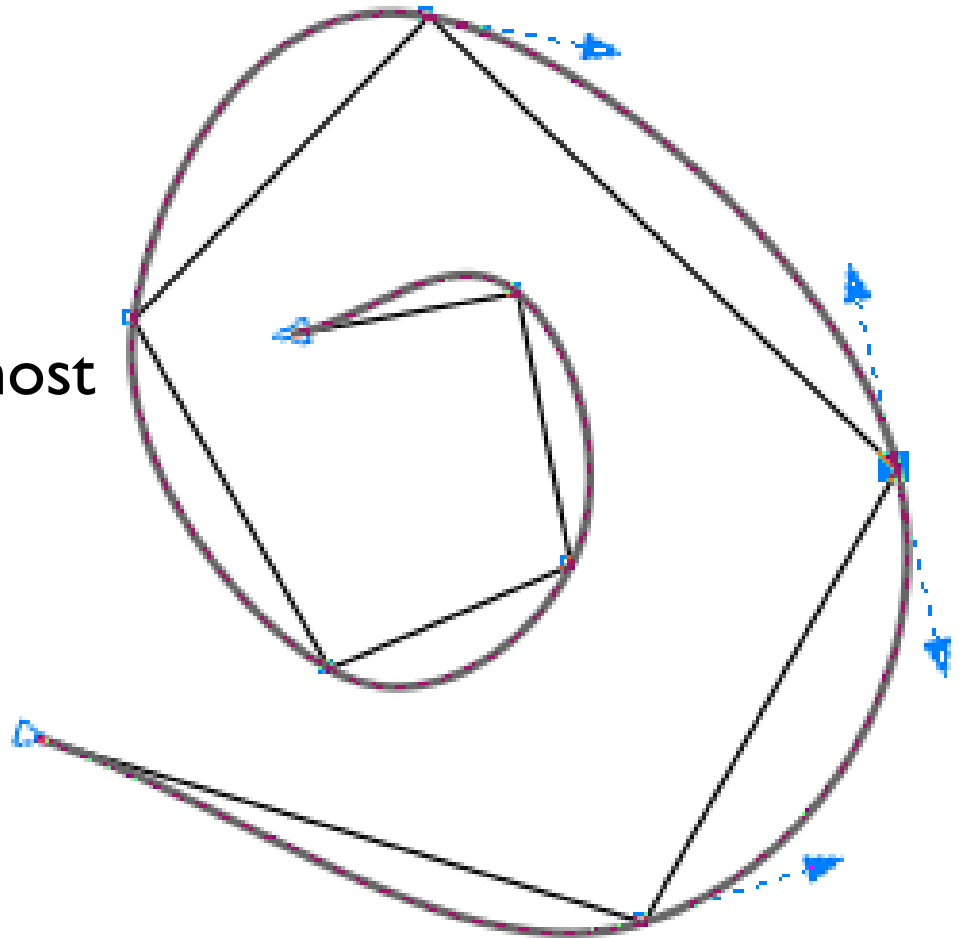
Želene lastnosti

- ▶ Definicija z geometrijskimi koeficienti
- ▶ Večkratne vrednosti
- ▶ Okretnost in mnogostranost
- ▶ Lokalna kontrola
- ▶ Lastnost zmanjševanja variacije
- ▶ Red zveznosti



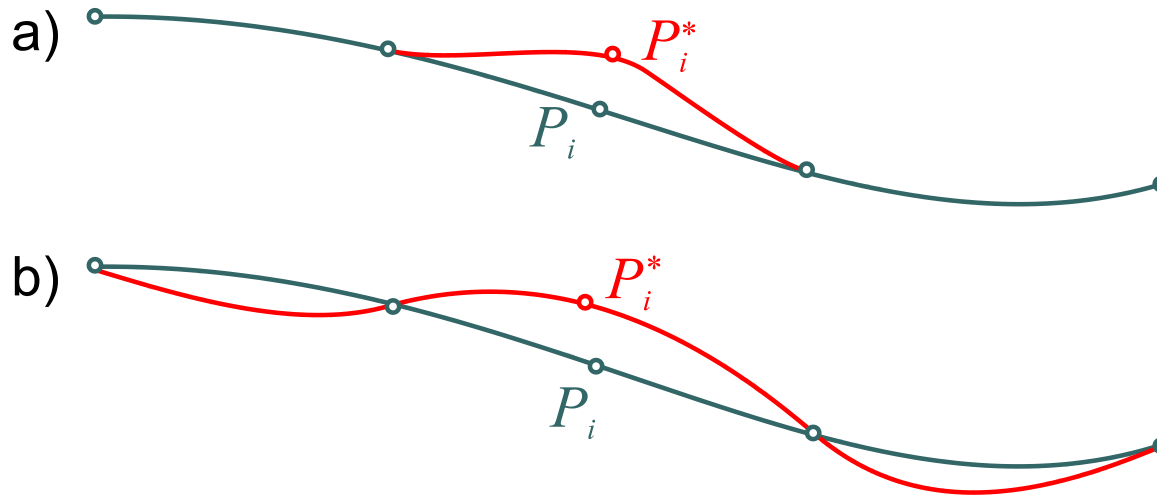
Želene lastnosti

- ▶ Definicija z geometrijskimi koeficienti
- ▶ Večkratne vrednosti
- ▶ Okretnost in mnogostranost

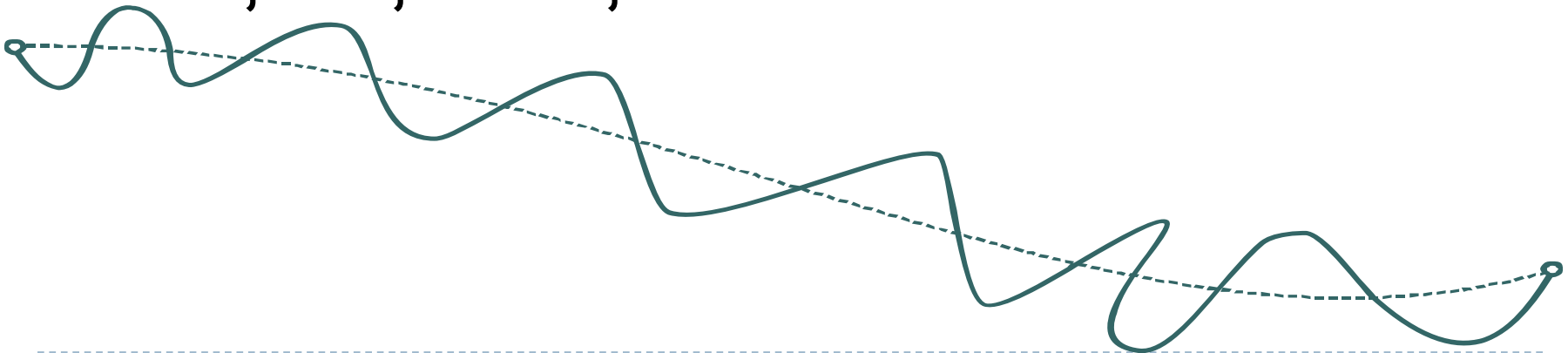


Želene lastnosti

▶ Lokalna kontrola



▶ Zmanjševanje variacije



Želene lastnosti

▶ Red zveznosti

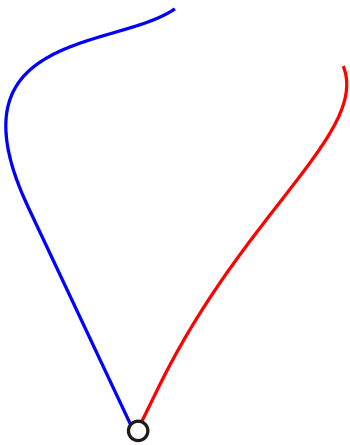
▶ zveznost reda C^0

▶ zveznost reda C^1

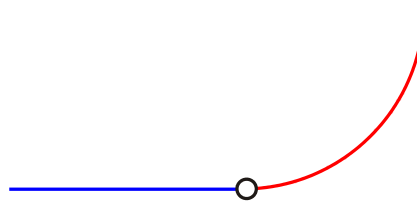
▶ zveznost reda C^2

▶ zveznost reda G^1

a)



b)



c)

