Spline

1. Type Hierarchy

- Bezier
- Spline
  - ‣ B-Spline
    - – uniform
      - • Cardinal B-Spline
    - – Rational B-Spline
    - – P-Spline
    - – variable dimension
      - • Polyhedral Spline
        - ‣ Simplex Spline
        - ‣ Box Spline

1.1. Rational B-Spline

reference:

- Advanced Graphics and HCI
  Neil Dodgson
  2000

1.2. Simplex Spline

reference:

- Approximation and geometric modeling with
  simplex B-splines associated with irregular
  triangles
  S. Auerbach & R.H.J. Gmelig Meyling & M.

Neamtu & H. Schaeben
1989

1.3. Box Spline

reference:
- wiki

1.4. P-Spline

reference:
- WhyP-splines?
  Paul Eilers & Brian Marx
  2021