

Section 3.4 Worksheet: Spline Interpolation

1. Where did the name “spline” come from?
2. How are the cubic splines we study in this section different from the Hermite cubic fitting two points that we developed in the last section? Both fit derivatives, right? So what do the splines of 3.4 do that the osculating Hermite cubic doesn't?
3. What's wrong with linear splines?
4. What kind of different splines are discussed in this section?