

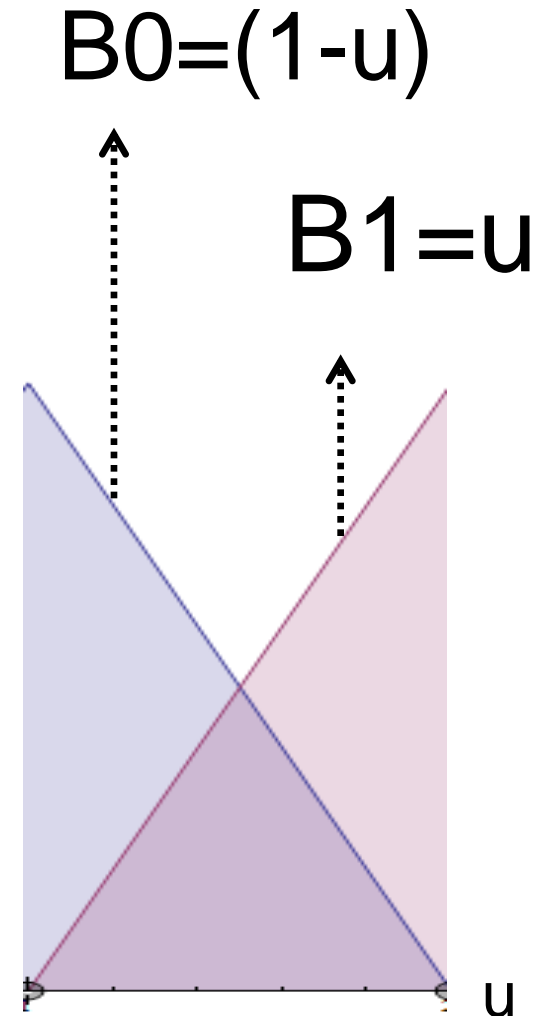
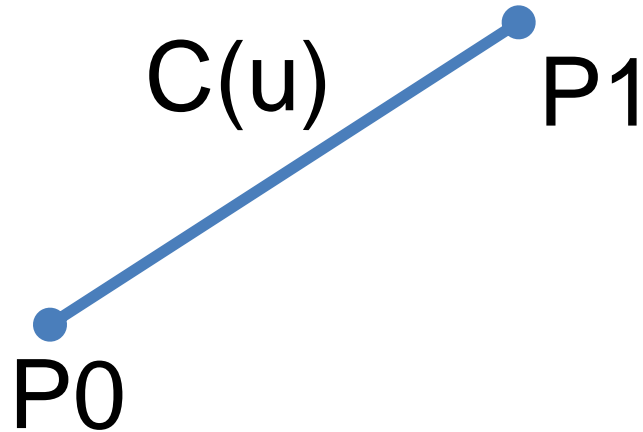
Curvas

B-Spline

Bases B-Spline lineales

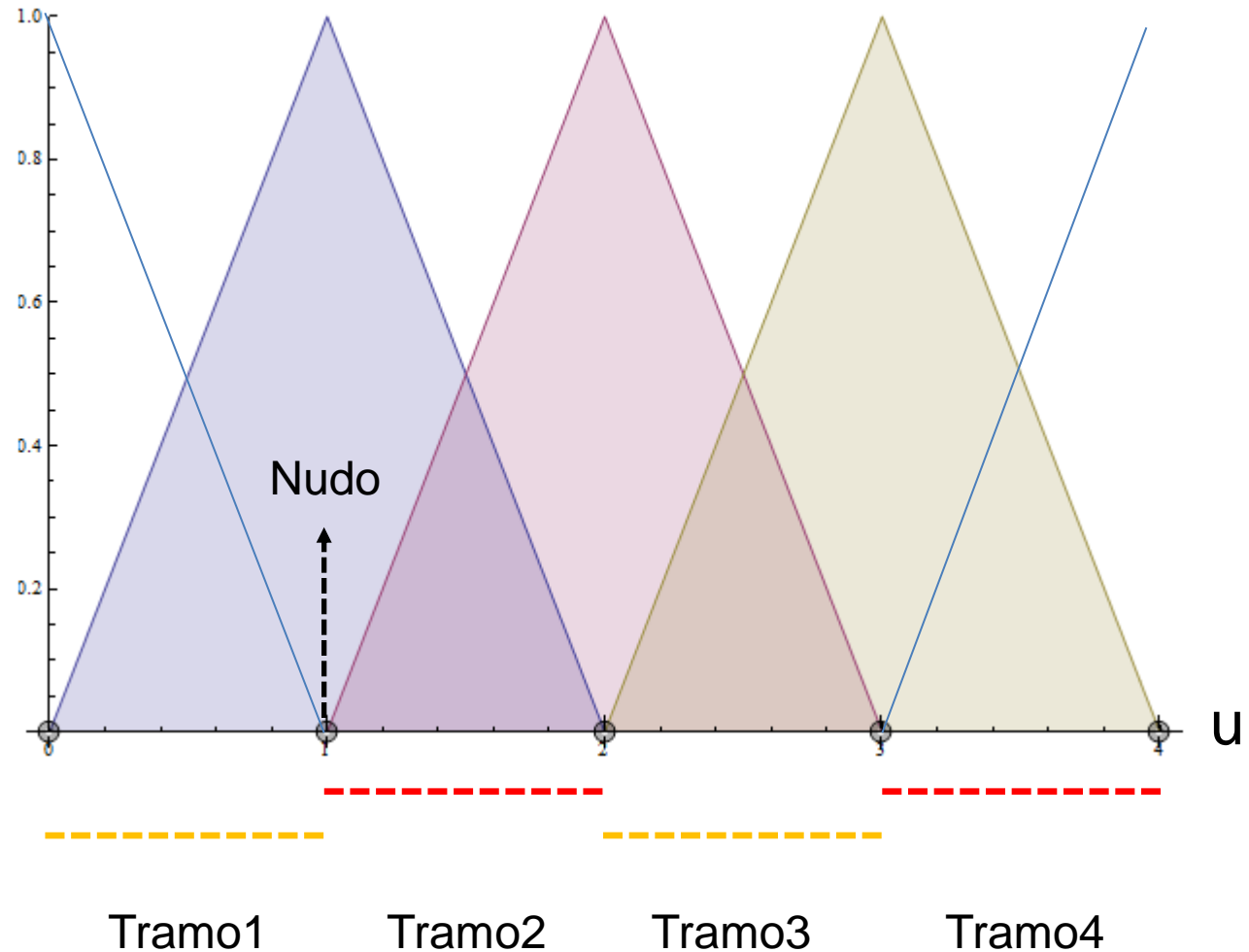
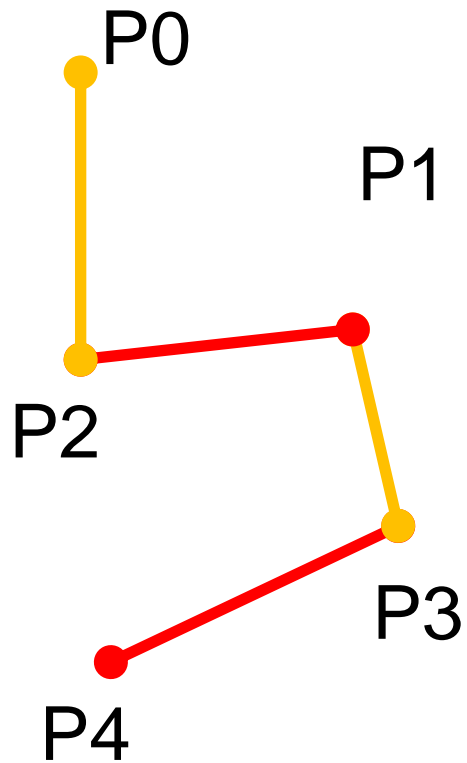
$$C(u) = B_0 * P_0 + B_1 * P_1$$

$$0 \leq u \leq 1$$

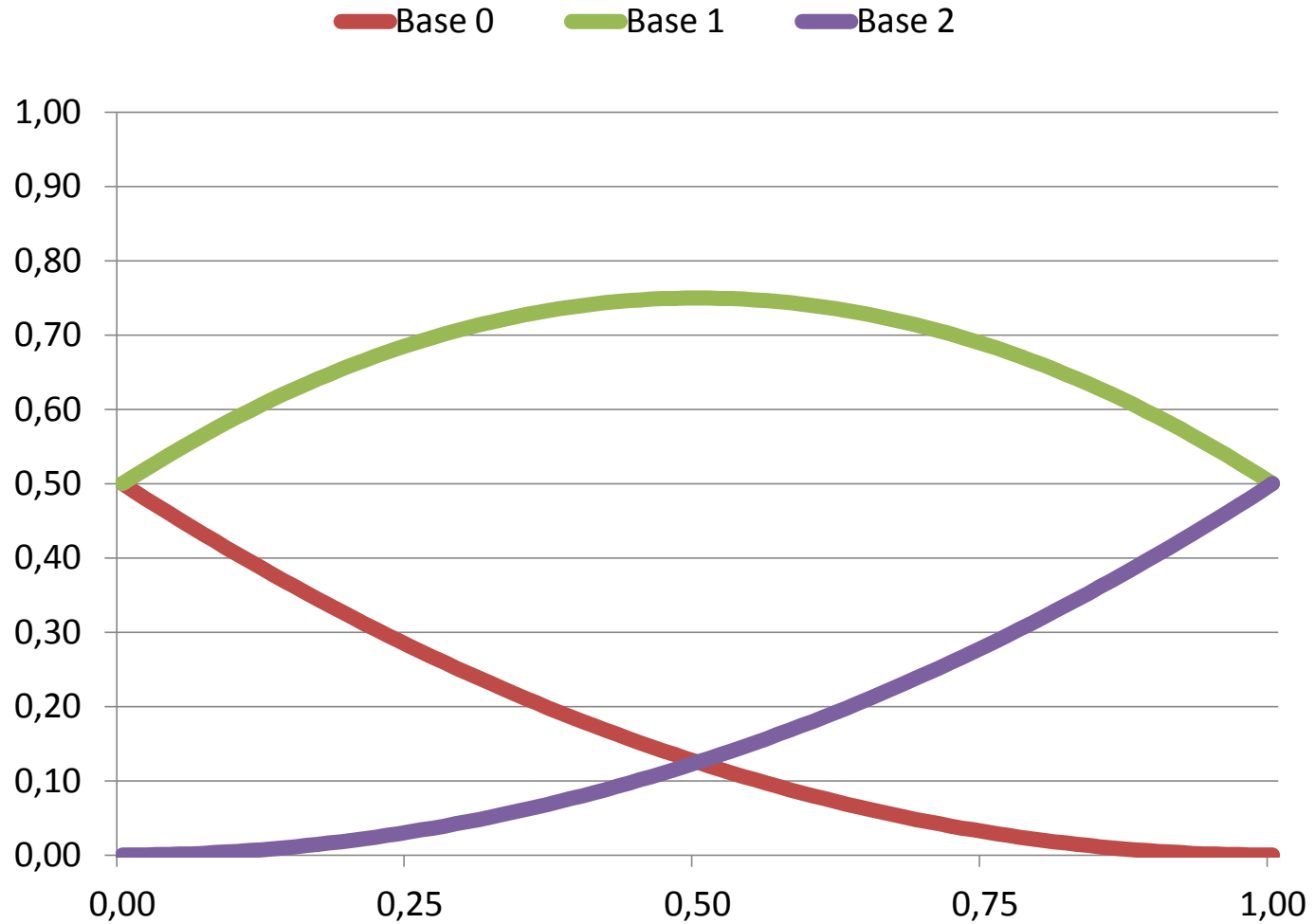


Bases B-Spline lineales

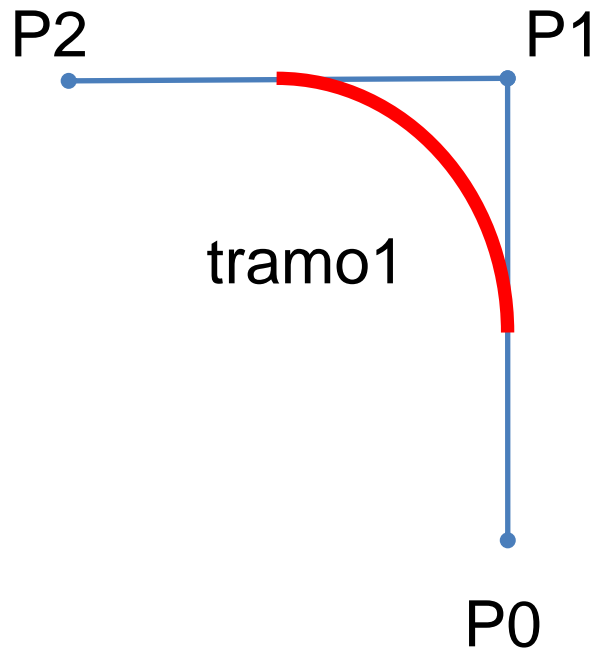
Nudos $U=0,1,2,3,4$



Bases B-Spline cuadráticas



Bases B-Spline cuadráticas

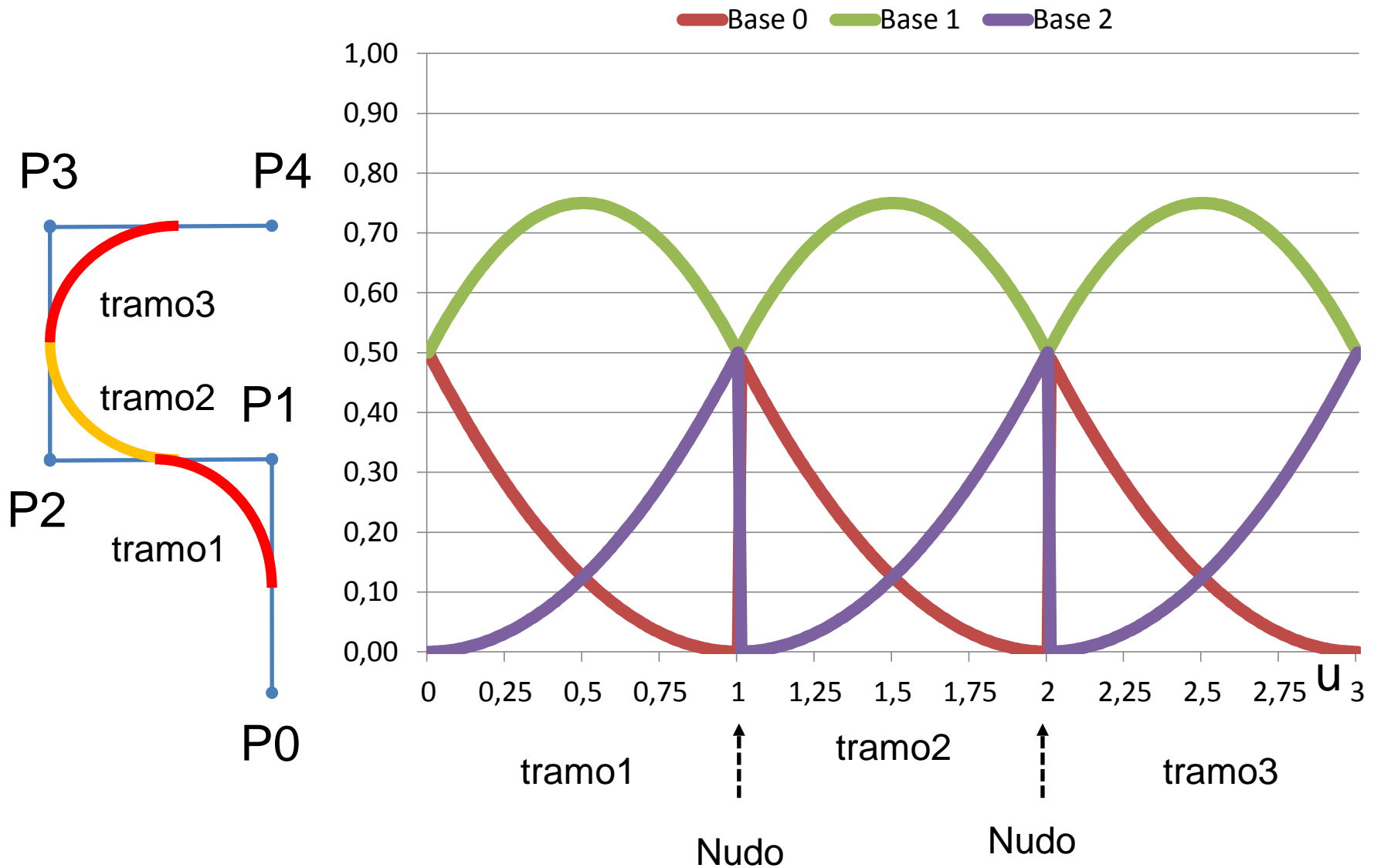


$$B_0 = \frac{1}{2}(1-u)^2$$

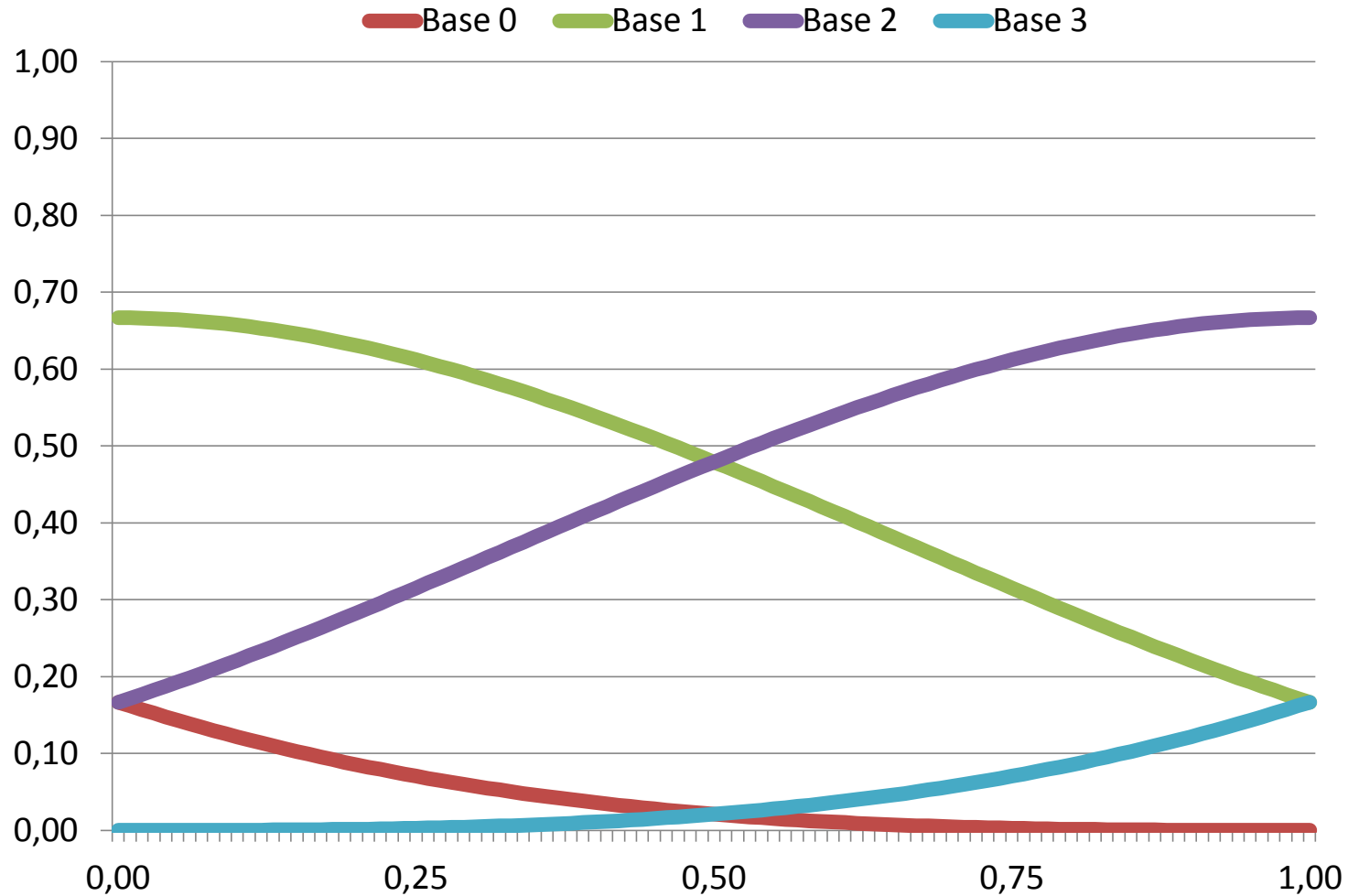
$$B_1 = 0.5(1-u)u$$

$$B_2 = \frac{1}{2}u^2$$

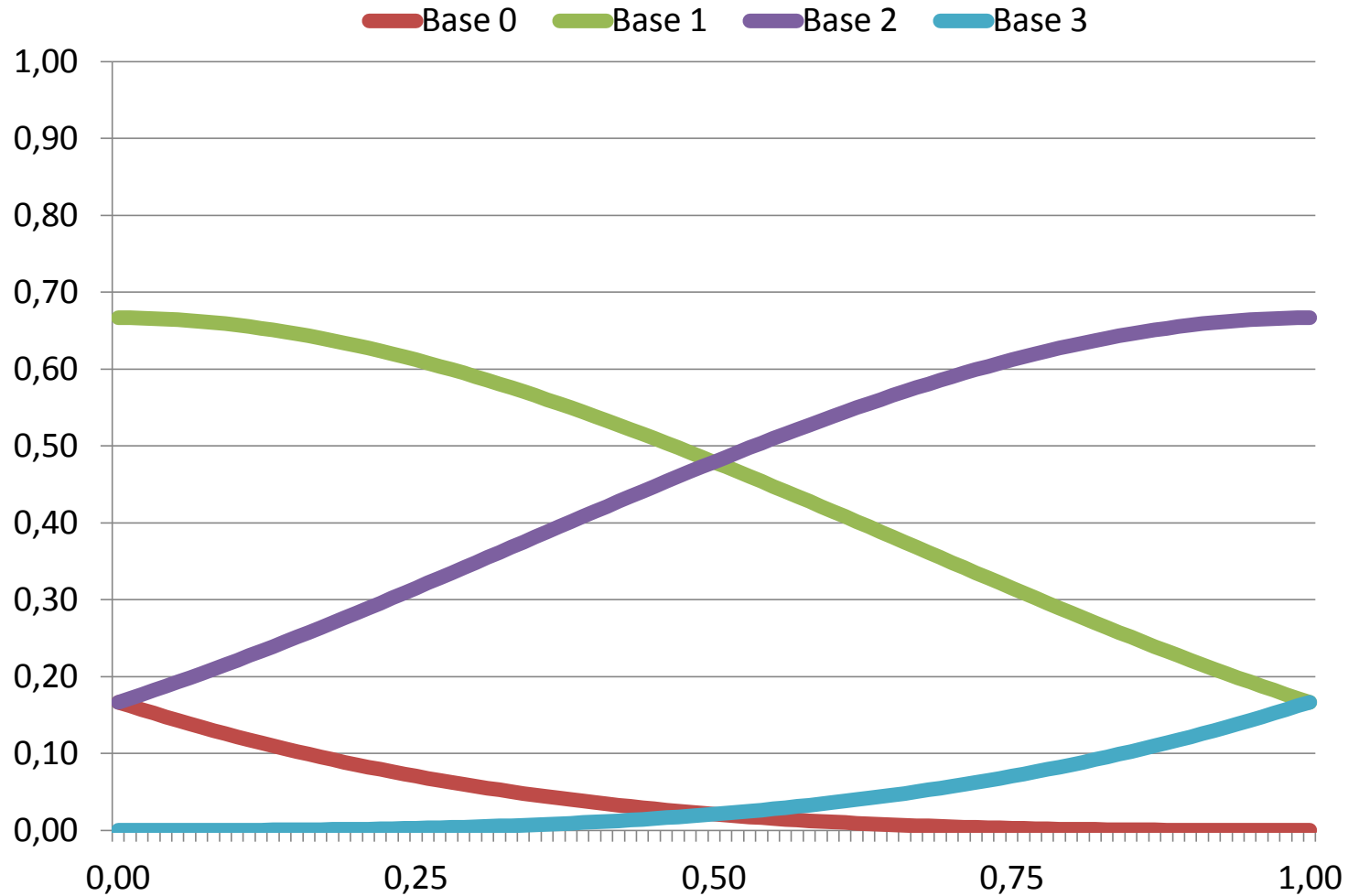
Bases B-Spline cuadráticas



Bases B-SPLINE cúbicas



Bases B-SPLINE cúbicas



Bases B-Spline Order=3

