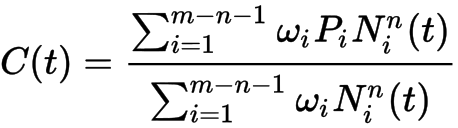
**NURBS Generation**

(Source = https://fr.wikipedia.org/wiki/NURBS)

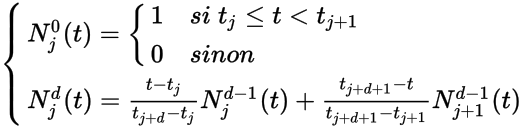
**Curve Generation:**

NURBS curves are generated using this formula:



Where point control points are define by of weight with ***m*** the number of point and ***n*** the degrees of the curve

And is the coefficient computed by Cox-de-Boor algorithms as follow:



With are the knot belonging to the nodal vector and ***d*** the degree of the NURBS

If some knots are mingled, we have

**Surface Generation:**

NURBS surfaces are generated using this formula:

