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NURBS are being used for computational reasons such as being easily processed by a computer, being stable to floating points errors and having little memory requirements and for the ability to represent any kind of curves or surface. They are the generalization of non-rational B-splines which are based on rational Bézier curves.

## An introduction to NURBS - formpig

The algorithms are implementations of the pseudocode in Appendix C of An Introduction to NURBS. Here the algorithms have been loosely translated into a `real' programming language, i.e., C. Hopefully, the availability of the algorithms in C will increase your understanding of the algorithms and hence of the underlying mathematics.

## An Introduction to NURBS C code Page - NAR Associates

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