G. Farin

Programming assignment #2

Femiani Curves

due 3-5

Experiment with quadratic blossoms, using the circular model. If $\mathbf{b}[s,t]$ is a quadratic blossom, then a Femiani curve is defined by

$$\mathbf{x}(t) = \mathbf{b}[t, f(t)],$$

where $f(t)$ is an arbitrary function. Experiment with different choices of f, such as linear, quadratic, trig... Report and document your findings. If you like, add additional theoretical properties of these curves.