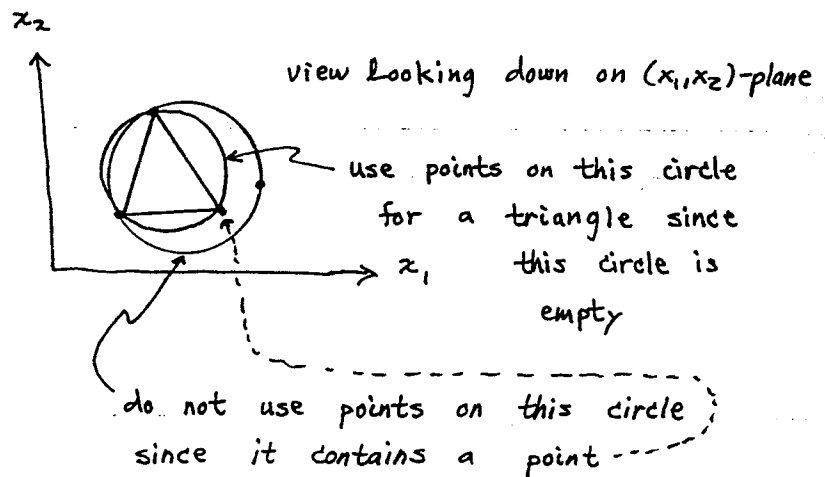


Neil E Cottar
11 May 1994

thm: We ~~can~~ obtain a unique triangulation of a surface of N variables by keeping only sets of $N+1$ vertices such that an N -sphere passing through the $N+1$ vertices contains no other data point.

comment: This is called Delaunay triangulation and has the desirable property of yielding a nearly equilateral triangulation.

pic:



ref: Franco P. Preparata and Michael I. Shamos
Computational Geometry and Introduction
Springer-Verlag, NY, 1985. ISBN 0-387-96131-3