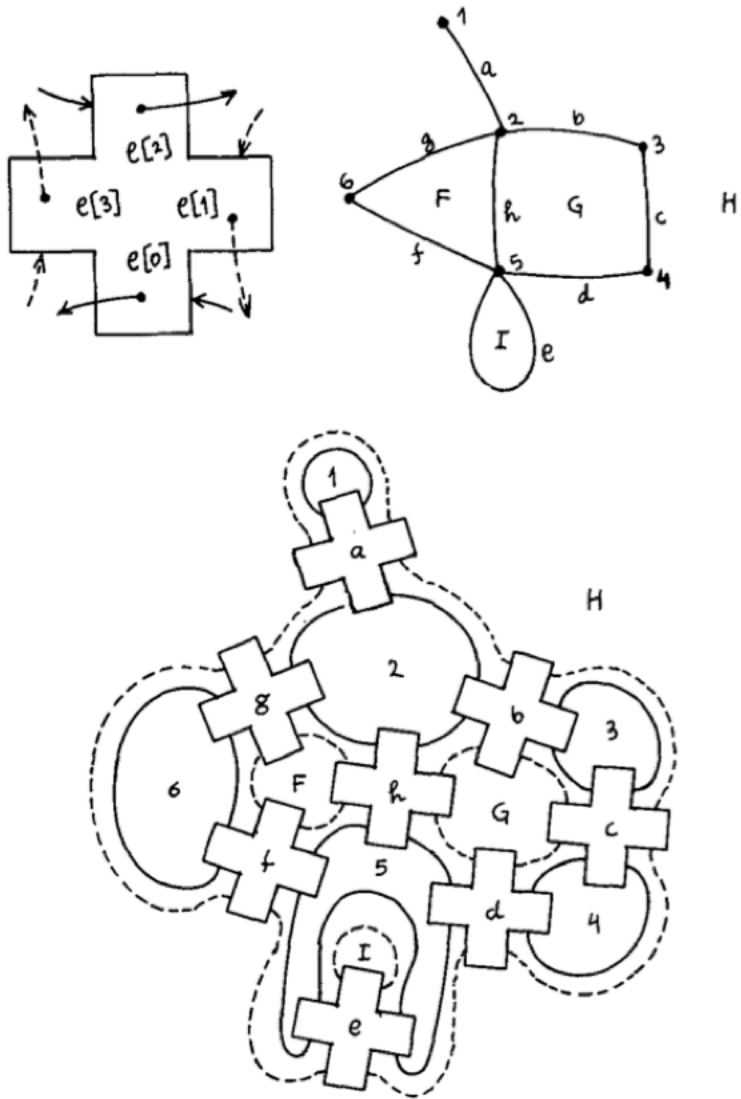# Representation scheme: Quad-Edge data structure
(Guibas & Stolfi, ACM Transactions on Graphics, 1985)

Primitives for the Manipulation of General Subdivisions and the Computation of Voronoi Diagrams

largely used in computational geometry algorithms and in geometric libraries

(a) Edge record showing Next links.
(b) A subdivision of the sphere.
(c) Data structure for the subdivision