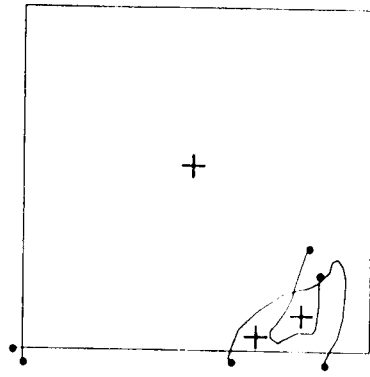


CLEAN and BUILD

■ Spaghetti digitizing

(arcs crossing over without intersections)

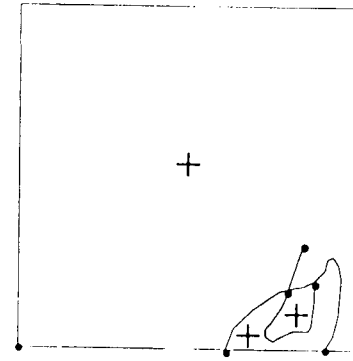


3 arcs
3 label points

CLEAN



Dangle length H
Fuzzy tolerance H



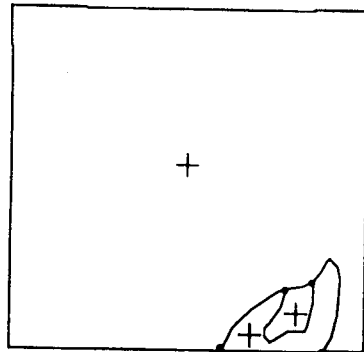
8 arcs
3 label points

PAT

4 records

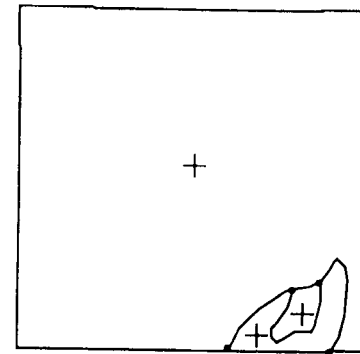
■ Discrete digitizing

(explicit intersections)



6 arcs
3 label points

BUILD



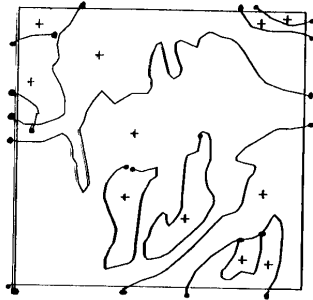
6 arcs
3 label points

PAT

4 records

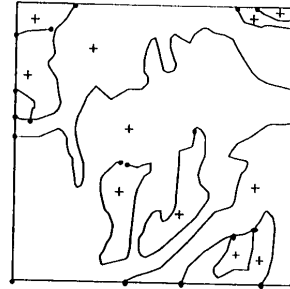
Choosing a method to reconstruct topology

- **Construct topology**
(create FAT for digitized data)



Topology not yet established

CLEAN
Dangle length H
Fuzzy tolerance H

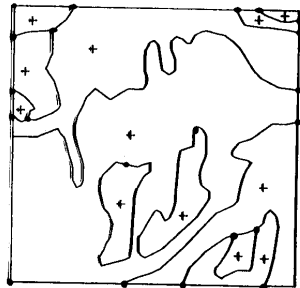


10 "polygons"
12 label points

SO02CN.PAT

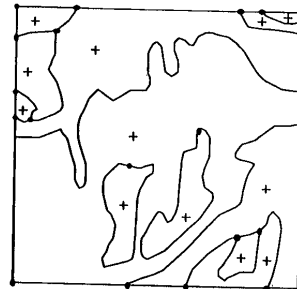
11 records

- **Reconstruct topology**
(update FATs after errors have been corrected)



Topology has been altered

BUILD



12 polygons
12 label points

SO04BD.PAT

13 records

Creating polygon topology in ARCEDIT

BUILD {DUPSOK | NODUPS}
{DIFFSOK | NODIFFS}

- ✓ Constructs polygon topology
- ✓ Creates a polygon attribute table
- ✓ Adds labels with unique IDs at the centroid of the polygon if no label exists
- ✓ Allows or deletes multiple label points within a single polygon
- Checks for intersections and fails if arcs cross without a node
- Coordinates are not adjusted

CLEAN {DEFAULT | fuzzy_tolerance | *}
{DEFAULT | dangle | *}
{DUPSOK | NODUPS} {DIFFSOK | NODIFFS}

- ✓ Constructs polygon topology
- ✓ Creates a polygon attribute table
- ✓ Adds labels with unique IDs at the centroid of the polygon if no label exists
- ✓ Allows or deletes multiple label points within a single polygon
- Creates nodes at intersections (where arcs cross)
- Deletes dangling arcs whose length is less than the specified dangle length
- Snaps together arc coordinates that are within the fuzzy tolerance of each other