INTERPRETATION OF LINE DIAGRAMS AND WALTZ ALGORITHM

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INTERPRETATION OF LINE DIAGRAMS:

A line drawing is a representation of the features in an image. Humans are remarkably adept at interpreting line drawings, that is, at deducing three dimensional geometrical structure from a very sparse collection of lines. Labeling is meant to provide a qualitative description of the scene, by classifying the segments of a line drawing as the projection of concave, convex or contour edges.

TOPICS THAT WE ARE GOING TO DISCUSS :

DISCONTINUITIES
ASSIGNMENT TO EDGES
UNIQUENESS
HUFFMAN METHOD

WALTZ ALGORITHM :

The Waltz algorithm is for interpreting line drawings of solid polyhedra.We are going to discuss the algorithm and also solve few examples.