Morching Cubes
idea : what he need so render are visible parts of the object thus,
just surfaces of objects
J(x,y) -> f(2) a mapping between 21) space and some value
: ontside
possible boundaries:
since we would not determine the boundaries, we decide es
have more detecting points inside the square
Algorithm: when we're having edge und between points (i.e. one inside
point and one orreside point) we put one more point
at the midpoint of these two points, and decreek again.
there are 16 cases. For an object to be inside or oraside of the obj
each order of a square has a bondean value, idicated int is thiside.
of the local of th
Since the geometry of the whor would be at most connecting 4
vertices. so lie. He live is defined as (0,1,-1,-1)
-1 indicates no used of vertices.