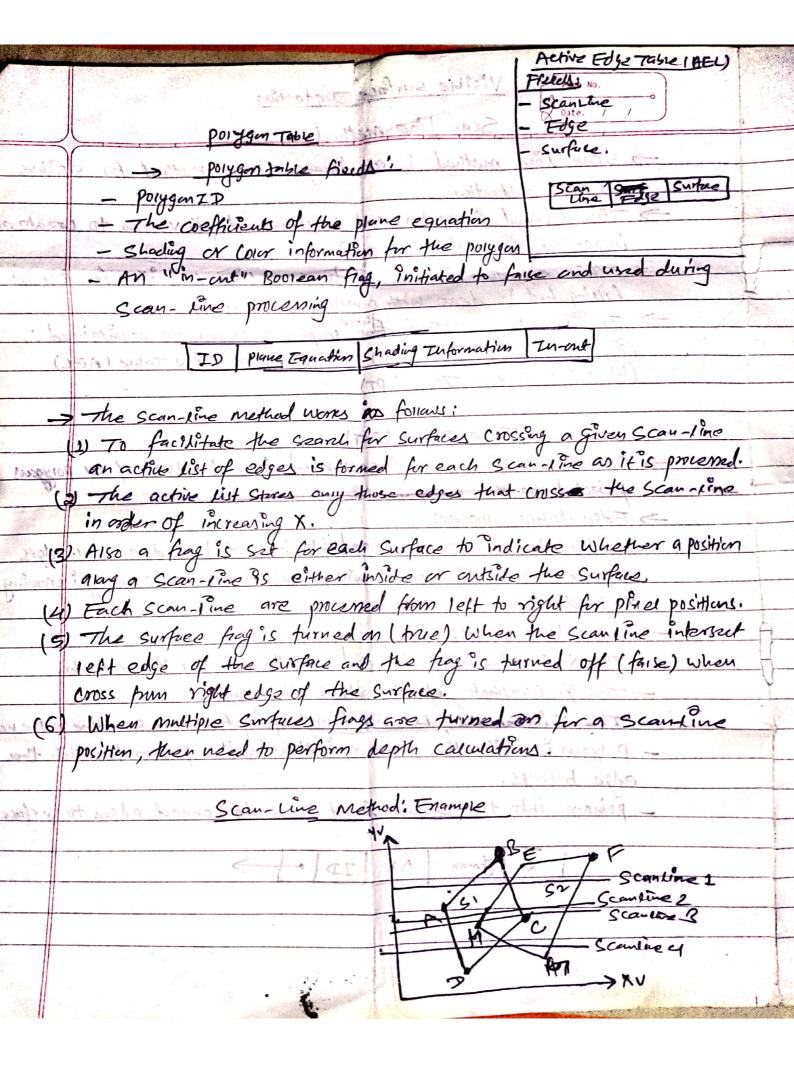
	Visible surface Detection Page No.
	Scan-Line method
	Scan line method is an image space method for visible
1921	the state of the s
->	This method computes and compares depth values to create an
The same of the same of	the scan fine at a time.
	This algorithm is similar to scan line argentlem for polygon
	filling but it dear with multiple surfaces.
	In Scan-line method, And important tables are maintained:
	(b) The Edge Table (ET) (DT)
	(b) The polygen Table (PT)
TO DAY - UN	During a Edge Table (ET) and It It I II
PENSING:	Create an edge table for all non-horizontal edges of all polygons
במש אוואר	prosected on the Newplane
_	> Edge table proces:
milities of m	Tritles in the ET are Stored into bucket based on each edge's
	Smaller y-locadinates and within bullet are ordered by increasing
	1X- Wordmater of 1101 miles between 500 and 1-200 2 1 - 1 (4)
127/2014	Edge table fields:
Marie ( De	- The X- Coordinate of the end with the Smaller y coordinate.
4 6	- the Y- coordinate of the edgers other end.
2011 700	The X Prevenent DX used in stepping form are scanline to the new
	- polygon identification number, indicating the polygon to which the
	- pointers into the surface facet tube to connect edges to surfaces
	X Yman DX ZD ->
t south	
Day.	- 2 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
- F	11-032 - 1-1-1
	VAC 19 E
A ALL AND A STATE OF THE A	



Page No.

Date: / /

		Date: / /		
- Sorted edges are! AD, DC, UH, FU, BC, HE, AB and EF.				
- poygon table has entires for MBCD & EFUH.				
- prefare an Active Edge Take (AET)!				
Active Ed	ge Table (AET)			
Scan Line	Entres	Suche		
1	AB, BC, ME, FO	4 scrang from left to visul.		
2	AD, HE, BC, FO	197		
3	AD, HE, BC, FU			
4	AD, DL, WHIFE			
Advantages.				
-> Any number of overlapping Surfaces are processed.				
> Takes advantage of Coherence principle. ( wi there are any				
regularities in the scene)				
-> can be applied to non-polygonal objects > Deals with any				
Dis-advantues Surface (trumporcio, traisluced				
> It does not work for surfaces that Cut throughor Cyclically				
Wertap Each-Other,				
> Depth calculations needs to performed for everypping Dollary.				
Depth calculations needs to performed for evenapping polygons.  Additional memory buffer is required.				
> Compien				