





Final Mapping from NDCS to DCS p'=STp ie P'= scale X Transform XP Exercise to find scale Atringish) · (X, Y, \(\varphi\) (表表意12) clipping between after normalization.

My May 17 Graphies Homogeneon Clippin Reference: "Clipping using homogeneous Coordinates"
by JF Blinn and M.F. Newell Computer Graphics VOI 2, N13, 1978, pg 281-287. Homogeneon Mane Assumming a normalized symmetrical Caronical cabe obtained after the multiplication by the perspective matrix Perspective matrix

(-1,1,1)

= X

(-1,1,1)

= X

(1,-1,-1) -Assuming that we are dipping against the boundaries of the geometer cube, a point is inside this normalized viewing volume if the project coordinates satisfy -1 = X <1, -1 = 2 <1, -1 = 2 <1

There is a boundary coordinate for each clipping boundary. (assuming w >0) Ist bit: BL = \omega + \omega \co, right

7nd bit: BR = \omega - \omega \co, right

3nd bit: BB = \omega + \omega \co, bot form

4th bit: BT = \omega - \omega \co, top

5th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \omega \co, rear

6th bit: BN = \omega + \om BF = 5-20, far 6" bit: for line clipping, me first test the endpoints (codes) (, & Cr for trivial acceptan or rejection. if Cill Cz all zeros > trivially accept if Cill Cz & all zeros > trivially reject. Fired points $\begin{array}{lll}
(a) &=& \omega_1 + \chi_1 \\
(a) &=& \omega_1 + \chi_1 \\
(w_1 + \chi_1) - (\omega_1 + \chi_2) &=& \overline{GL_1 - BL_2}
\end{array}$