

Other 3D spatial representation

chaw backs

chawbacks
- word will be many

1995

representation of \mathbb{R}^3

(1) 3D space

①

Voxal

vs

A hand-drawn diagram of a cell. It features a large, irregular outer boundary representing the cell membrane. Inside this boundary is a smaller, roughly circular structure representing the nucleus. Within the nucleus is a small, dense, dark-shaded circle representing the nucleolus. A horizontal line passes through the center of the nucleolus.

Oceans

$$92 \times 52 \times 32$$
 ~~$\langle 10010 \rangle$~~ $\langle 10010, 1001 \rangle$ ≤ 1000 t, 10

room (B) must always have paths to room (A) / portal

- metal process of cAlc

Potentially Visible Set

3D: Básico

3 coordinates: $[p^1, p^2, p^3] \rightarrow 0, 0, 0$

parametric line $A + u(B-A) = A \oplus B$

mit

$$\Rightarrow V_x^2 + V_y^2 + V_z^2 = 1$$

7/2

dot product & cross product

2 3D vectors

$$V_1 \cdot V_2 = V_{1x}^* V_{2x}^* + V_{1y}^* V_{2y}^*$$

2-3-7

Same but for parallel versions

$$x_1, x_2, x_3, x_4$$

$$x \cdot (y - z) = (z + y)$$

$[5, 2, 0]$

~~[2, 8, 0]~~

