











$$\sigma_{\text{psw}}^{\text{track}} = \frac{2 T_{\text{sys}}}{\eta_{\text{spec}} \sqrt{d\nu} n_{\text{pol}} \eta_{\text{tel}} t_{\text{tel}}}, \quad \text{and} \quad \sigma_{\text{fsw}}^{\text{track}} = \frac{\sqrt{2} T_{\text{sys}}}{\eta_{\text{spec}} \sqrt{d\nu} n_{\text{pol}} \eta_{\text{tel}} t_{\text{tel}}}.$$

$$\sigma_{\text{psw}}^{\text{otf}} = \frac{(\sqrt{n_{\text{beam}}} + \sqrt{n_{\text{submap}}}) T_{\text{sys}}}{\eta_{\text{spec}} \sqrt{d\nu} n_{\text{pol}} \eta_{\text{tel}} t_{\text{tel}}}, \quad \text{and} \quad \sigma_{\text{fsw}}^{\text{otf}} = \frac{\sqrt{2} n_{\text{beam}} T_{\text{sys}}}{\eta_{\text{spec}} \sqrt{d\nu} n_{\text{pol}} \eta_{\text{tel}} t_{\text{tel}}}.$$













$$T_{sys} = \frac{(1 + G_{im}) \exp \{ \tau_s A \}}{F_{eff}} [F_{eff} T_{atm} (1 - \exp \{ -\tau_s A \}) + (1 - F_{eff}) T_{cab} + T_{rec}],$$





Adrianus











$$n_{\text{beam}} = \frac{A_{\text{map}}}{A_{\text{beam}}} \quad \text{with} \quad A_{\text{beam}} = \frac{\eta_{\text{grid}} \pi \theta^2}{4 \ln(2)}.$$

1000

1990





www.fox.com

$$n_{\text{submap}} = \frac{A_{\text{map}}}{A_{\text{submap}}} \quad \text{with} \quad A_{\text{submap}} = \frac{\theta}{2.5} v_{\text{linear}} t_{\text{stable}}$$



spiral









199

1002

$$\frac{n_{\text{pol}} n_{\text{pix}}}{T_{\text{sys}}^2} = \sum_{i=1, n_{\text{pol}}, j=1, n_{\text{pix}}} \frac{1}{T_{\text{sys}_{ij}}^2} \cdot$$

$$\sigma_{\text{psw}}^{\text{track}} = \frac{2 \overline{T}_{\text{sys}}}{\eta_{\text{spec}} \sqrt{d\nu} n_{\text{pol}} \eta_{\text{tel}} t_{\text{tel}}}, \quad \text{and} \quad \sigma_{\text{fsw}}^{\text{track}} = \frac{\sqrt{2} \overline{T}_{\text{sys}}}{\eta_{\text{spec}} \sqrt{d\nu} n_{\text{pol}} \eta_{\text{tel}} t_{\text{tel}}}.$$

W E R E D







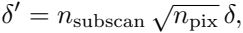




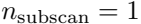


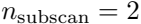


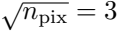
[illegible]



$$\tan \alpha = \frac{1}{n_{\text{subscan}} \sqrt{n_{\text{pix}}}}.$$



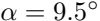


















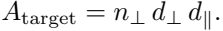
0123456789abcdefghijklmnopqrstuvwxyz



Algorithm







Adore



degree = $\sqrt{\text{price}^2 + \text{cost}^2}$

$$\text{degree} = \sqrt[n]{\text{price}} - 1 \quad \sqrt[n]{\text{price}} + \sqrt[n]{\text{price}} - 1$$



$$\eta_{\text{edge}} = \frac{A_{\text{target}}}{A_{\text{target}} + A_{\text{edge}}}, \quad \text{with} \quad A_{\text{edge}} = n_{\perp} d_{\perp} d_{\text{edge}}.$$

$$\eta_{\text{edge}} = \frac{1}{1 + \frac{d_{\text{edge}}}{d_{\parallel}}} = \frac{1}{1 + \frac{d_{\text{edge}}}{a n_{\perp} d_{\perp}}}.$$

$$a = \frac{d_{\parallel}}{n_{\perp} d_{\perp}} \text{ with } a > 1 \text{ and } n_{\perp} \text{ integer.}$$

1991



$$v_1 d_1(d_1 + d_{\text{edge}}) = A_{\text{chunk}} v_1 d_1 A_{\text{chunk}} = v_1 \text{linear } d_1 \text{ chunk}$$



$$n_{\perp}^2 + n_{\perp} \frac{d_{\text{edge}}}{a d_{\perp}} - \frac{A_{\text{chunk}}}{a d_{\perp}^2} = 0.$$

$$n_{\perp} = \frac{1}{2} \frac{d_{\text{edge}}}{a d_{\perp}} \left[\sqrt{1 + \frac{4a A_{\text{chunk}}}{d_{\text{edge}}^2}} - 1 \right].$$

$$\eta_{\text{edge}} = \frac{1}{1 + \frac{2}{\sqrt{1 + \frac{4a}{d_{\text{edge}}^2} A_{\text{chunk}} - 1}}}$$

$$\text{with } \frac{a A_{\text{chunk}}}{d_{\text{edge}}^2} = \frac{\theta}{4\delta} \frac{a f_{\text{dump}} t_{\text{chunk}}}{\left[\left(\sqrt{n_{\text{subscan}} n_{\text{pix}}} - \frac{1}{\sqrt{n_{\text{subscan}} n_{\text{pix}}}} \right) - \left(\sqrt{n_{\text{subscan}}} - \frac{1}{\sqrt{n_{\text{subscan}}}} \right) \right]^2}.$$

A pixelated, grayscale image of the number 9. The image is composed of a grid of squares in various shades of gray, creating a blocky, digital appearance. The number 9 is the central focus, with its vertical stroke on the left and its curved bottom on the right. The background is white, and the overall style is reminiscent of early computer graphics or low-resolution digital art.

A pixelated, black and white graphic of the word "Aurora". The letters are thick and blocky, with a jagged, pixelated edge. The 'A' is on the left, followed by 'u', 'r', 'o', 'r', 'a'. The 'u' and 'o' have a small loop at the bottom. The 'r' has a small loop at the top. The 'a' has a small loop at the top. The entire word is rendered in a single color, black, on a white background.

A pixelated, black and white graphic of the text "No 2ed 9e". The characters are rendered in a blocky, digital font style. The "N" and "o" are large and prominent, followed by a smaller "2", and then "ed 9e" in a slightly smaller size. The entire graphic is set against a white background.

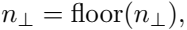
advent











$$Q = \frac{A_{\text{chunk}}}{(n_{\perp} d_{\perp})^2} - \frac{d_{\text{edge}}}{n_{\perp} d_{\perp}}.$$

$$\text{degree} = \sqrt[n]{\text{priz}} = \sqrt[n]{\text{priz}} = \sqrt[n]{\text{priz}}$$

$t_{\text{DSW chunk}} = 2 \text{ minutes}$ and $t_{\text{DSW chunk}} = 10 \text{ minutes}$.

$$A_{\text{chunk}} = \frac{\theta}{4} f_{\text{dump}} \frac{d_{\perp}}{n_{\text{subscan}}} t_{\text{chunk}}.$$

Apart from
mini
Aston

7 min ago

= 0.9



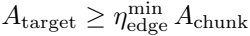
$$n_{\perp} = \text{floor} \left[\frac{\sqrt{A_{\text{target}}}}{d_{\perp}} \right],$$



if_1 = 0, then send an error message 'Area too small, raise again'.



$$a = \frac{A_{\text{target}}}{(r_{\perp} d_{\perp})^2}.$$



$$n_{\perp} = \text{floor} \left\{ \frac{1}{2} \frac{d_{\text{edge}}}{d_{\perp}} \left[\sqrt{1 + \frac{4A_{\text{chunk}}}{d_{\text{edge}}^2}} - 1 \right] \right\},$$

$$Q = \frac{A_{\text{chunk}}}{(n_{\perp} d_{\perp})^2} - \frac{d_{\text{edge}}}{n_{\perp} d_{\perp}}.$$

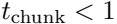
$$\eta_{\text{edge}} = \frac{1}{1 + \frac{d_{\text{edge}}}{a n_{\perp} d_{\perp}}} \cdot$$

Apart from
mini
A class

$$A_{\text{new chunk}} = \frac{A_{\text{target}}}{\eta_{\text{edge}}} ;$$

$$t_{\text{chunk}}^{\text{new}} = t_{\text{chunk}} \frac{A_{\text{chunk}}^{\text{new}}}{A_{\text{chunk}}} ;$$

Achilles - Achilles - Achilles - Achilles





$$\text{redge}(A_{\text{map}}) + \text{redge}(A_{\text{map}}) = A_{\text{map}}$$

Almapredes



A pixelated, grayscale image of the word "Wesley" in a serif font. The letters are composed of various shades of gray, creating a dithered or anti-aliased effect. The background is white. The word is centered horizontally.

A pixelated, grayscale illustration of the word "Euler" in a stylized, blocky font. The letters are composed of various shades of gray, giving it a digital or retro aesthetic. The 'E' is on the left, followed by 'u', 'l', 'e', and 'r' on the right.

$$A_{\text{map}}^{\text{pix}} = \frac{A_{\text{map}} / n_{\text{edge}}}{n_{\text{pix}}} \cdot$$

$$\sigma_{\text{psw}}^{\text{otf}} = \frac{\left(\sqrt{n_{\text{beam}}^{\text{pix}}} + \sqrt{n_{\text{submap}}^{\text{pix}}} \right) \overline{T}_{\text{sys}}}{\eta_{\text{spec}} \sqrt{d\nu} n_{\text{pol}} \eta_{\text{tel}} t_{\text{tel}}}, \quad \text{and} \quad \sigma_{\text{fsw}}^{\text{otf}} = \frac{\sqrt{2 n_{\text{beam}}^{\text{pix}}} \overline{T}_{\text{sys}}}{\eta_{\text{spec}} \sqrt{d\nu} n_{\text{pol}} \eta_{\text{tel}} t_{\text{tel}}},$$

pix
bead

Pixel
art

$$n_{\text{beam}}^{\text{pix}} = \frac{A_{\text{map}}}{\eta_{\text{edge}} n_{\text{pix}} A_{\text{beam}}} \quad \text{and} \quad n_{\text{submap}}^{\text{pix}} = \frac{A_{\text{map}}}{\eta_{\text{edge}} n_{\text{pix}} A_{\text{submap}}^{\text{pix}}}$$

$$v_{\text{ith}} A_{\text{submap}}^{\text{pix}} = v_{\text{area}}^{\text{pix}} t_{\text{stable}} \text{ and } v_{\text{area}}^{\text{pix}} = \delta v_{\text{linear}}.$$

$$t_{\text{onoff}}^{\text{pix}} = \eta_{\text{edge}} \eta_{\text{tel}} t_{\text{tel}}^{\text{pix}} \text{ and } t_{\text{edge}}^{\text{pix}} = (1 - \eta_{\text{edge}}) \eta_{\text{tel}} t_{\text{tel}}^{\text{pix}}.$$







