Strahlungsleichung 1- Flus

$$\phi = \frac{N_{ob}}{t} \cdot E_{oh} [w]$$
 $E_{oh} = h \cdot v = h \cdot \frac{c}{d}$

Bestrohlungsfärke

Strahlstörke Remarkel [2,]

$$I_{\epsilon} = \frac{0}{2} \begin{bmatrix} w \\ sr \end{bmatrix}$$
 $s = \frac{A_{out}}{at} \cdot \Omega_{o}$
 $E_{engle} = \frac{I_{gan}}{at} \cdot L_{o} = \frac{0}{A_{engle}} \begin{bmatrix} w \\ n^{2} \end{bmatrix} \begin{bmatrix} x \end{bmatrix}$
 $I_{seh} = E_{engle} \cdot d^{2} \cdot \Omega_{o}^{2} \begin{bmatrix} sr \end{bmatrix} \begin{bmatrix} s \\ sr \end{bmatrix} \begin{bmatrix} s \\ sr \end{bmatrix}$
 $L_{x} = \frac{I_{x}}{A_{x}} \begin{bmatrix} w \\ sr n^{2} \end{bmatrix}$
 $0 = E_{engle} \cdot A_{engle} \begin{bmatrix} s \\ sr n^{2} \end{bmatrix}$

Eempt

(ded
$$C = \frac{71 \cdot | -cb|}{C_4 | | | | |}$$

Fed $E : 0.65 \cdot \frac{Cobs}{| | | |}$

Hobitarian = 0.65. Lobitarian · Ω_0 · t

H=E·t

$$E_{max} \text{ höhe: } h^2 = \frac{\Gamma}{2}$$

$$E_{emax} = \frac{\Gamma_{gan}}{d^2} \cdot cos(d) \cdot \Omega = \frac{I \cdot h}{d^3} \cdot \lambda$$

Abbildungsgleidung:
$$a \rightarrow -u$$
 $a' = j'$

$$-\frac{1}{a} + \frac{1}{a'} = \frac{1}{f'} \quad x' : \text{Biblishing / Sensorseting}$$

$$\beta' = \frac{e'}{u} = \frac{a'}{a} = \frac{g'}{a+g'} \quad x : \text{Chief-tracting}$$

$$\alpha' = f' \left(7 - \beta'\right) \quad \alpha = -f' \left(7 - \frac{7}{\beta^2}\right) \quad \text{NB}:$$

$$\text{Verlängerungsfaktor} = \left[\frac{a'}{s'}\right]^2 \left(7 - \beta\right)^2 \quad 24 \times 36 \text{ mag}$$

Auflissungs ver vision: $AV = \frac{1}{c_{IG} \cdot \omega_{min}} = \frac{IV_{II}}{II} = \frac{2}{c_{I}'} = \frac{7500}{U_{aff}} = \frac{7500}{U_{0} \cdot (7-\beta')} \left[\frac{P_{0}}{V_{min}} \right]$ $V = \frac{1}{O_{EP}} \quad U_{eff} = \frac{d_{AP}}{O_{AP}} = \frac{1}{O_{EP}} \cdot \left(1 - \beta' \cdot \frac{O_{EP}}{O_{AP}} \right)$

Wooder 1500-u' Roug undierf. Whritisch

Betrachtung Bild: $d_g \approx a'$ Rint: $d_g = \beta_{reprio} a'$ deutliches selfeld: $d_g \approx 2 \cdot H = \frac{2}{3} \cdot G$ Selectional Cresichtsfeld winkel: $2\omega = 1 \cdot ton^2 \left(\frac{otion}{2 \cdot f'}\right) \cdot d_g = 2 \cdot Gon$ AV Acce: $\omega_{min} = 1' = \frac{1 \cdot tr}{60 \cdot 120} \cdot \omega_{repro} < 2' \cdot d_g \cdot \omega' = \frac{\omega_{repro}}{\beta_{repro}}$

Schoolentiefe: u=0er. |a-1| u'=- B'·u 2 12 441. K·u'

Hyperfolder Pistons $h = -\frac{f'^{1}}{u' \cdot K} = -\frac{f' \cdot \Omega_{u}}{u'} \quad \alpha_{v/h} = \frac{a \cdot h}{h + (a + f')}$ $\text{Be: } a = h : \quad a_{h} \rightarrow \infty \quad u = 0_{\text{EP}} \quad a_{v} = \frac{h}{2}$ $\text{Be: } a \rightarrow \infty : \quad a_{v} = h \quad f' < < \alpha : \quad \alpha_{v/h} = \frac{a \cdot h}{h + \alpha}$

Lichtmessurg: $\frac{C}{E} \cdot \frac{10}{10}$ $\frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E}$ $\frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E}$ $\frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E}$ $\frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E} \cdot \frac{C}{E}$ $\frac{C}{E} \cdot \frac{C}{E} \cdot$

 $SNR = \frac{C}{\sigma(U)} \qquad OR = \frac{Cl_{max}}{Cl_{min}} = \frac{Cl_{max}}{Cl_{min}}$ $SNR = \frac{70l_{KS}}{H_{STRU}|SNR} = \frac{1000}{100} = \frac{100}{Cl_{MS}}$ $SNR = \frac{70l_{KS}}{H_{STRU}|SNR} = \frac{700}{l_{MS}} = \frac{78l_{KS}}{H_{Max}} = \frac{700}{l_{MS}} = \frac{78l_{KS}}{H_{Max}} = \frac{700}{l_{MS}} = \frac{78l_{KS}}{H_{Max}} = \frac{700}{l_{MS}} =$

 $2 = 2 = \frac{t'}{t_{antb}} = \frac{E'_{max}}{E'} \cdot \frac{H_{wis}}{H_{groun}} = \frac{K^2}{E}$ $t_{max} = \frac{1}{t_{max}} \cdot \frac{\epsilon_{max}}{\epsilon_{max}} = \frac{c'_{oligital}}{c'_{onalog}} \cdot \frac{c'_{oligital}}{c'_{onalog}$

American OR= Umax = 2008 & (umax) [4]

Mired West SM=Much+Miller

= - (1-1) M= 106 C1= 7,4388.70 m·k

0°C = 273,754 SM<0 > Blace Filter

Betriebsgesetze $\frac{X}{X_N} = \left(\frac{U}{U_N}\right)^{N_X} \times : \phi_1 P_1 \eta_1 T_1 \ge f$ Lichtaustente: $\eta = \frac{0}{P_{zz}} \left(\frac{lm}{w}\right)^{\frac{T}{2}}$ OF (F: $Y = 2SS \cdot \left(\frac{L}{L}\right)^{\frac{T}{2}}$

OECT: $V = 2SS \cdot \left(\frac{L}{L_{\text{sat}}}\right)^{\frac{7}{4}}$ $\frac{L}{L_{\text{sat}}} \cdot \frac{L}{L_{\text{sat}}} = S_{100} \cdot \left(\frac{V}{V_{\text{remax}}}\right)^{\frac{7}{4}} \cdot \frac{12}{0.72}$ Empfinellichkeit = $S_{100} \cdot \frac{L}{L_{\text{sat}}} \cdot \frac{12}{0.72} = S_{100} \cdot \left(\frac{V}{V_{\text{remax}}}\right)^{\frac{7}{4}} \cdot \frac{12}{0.72}$

$$\begin{array}{c|c} \hline P_{2k} & \hline \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) = \mathcal{L}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} = P_{em} - P_{absor} & \mathcal{E}(\lambda) \\ \hline P_{ab} =$$

Kin = 2, 858.70 m. k = 555 · 10 m. T = dgrin · T

Valuesteverus: $L_{V,i} = GRI \frac{km}{w} \cdot L_{e}(A_{i}) \cdot V_{s}(A_{i}) \qquad S_{i} = \frac{A_{i}}{L_{e,i}} \quad A_{i} = A_{i} \cdot V_{i}$ $\frac{V_{A_{i}}}{V_{A_{i}}} = \frac{-\frac{C_{L}}{T} \cdot \left(\frac{A_{i}}{A_{i}} - \frac{A_{i}}{A_{i}}\right) \cdot \left(\frac{A_{i}}{A_{i}}\right)^{5}}{L_{e,i} \cdot L_{e,i}} = e^{-\frac{C_{L}}{T} \cdot \left(\frac{A_{i}}{A_{i}} - \frac{A_{i}}{A_{i}}\right) \cdot \left(\frac{A_{i}}{A_{i}}\right)} = e^{-\frac{C_{L}}{T} \cdot \left(\frac{A_{i}}{A_{i}} - \frac{A_{i}}{A_{i}}\right) \cdot \left(\frac{A_{i}}{T_{new}} - \frac{A_{i}}{T_{alk}}\right)}$ $V_{A_{i}} > V_{A_{i}} > V_{A_{i}} > V_{A_{i}} > V_{A_{i}} = 7 \qquad K_{gq} = \frac{X}{q} \cdot \frac{L_{e,K}}{L_{e,q}} \cdot \frac{S_{gq}}{S_{qq}}$