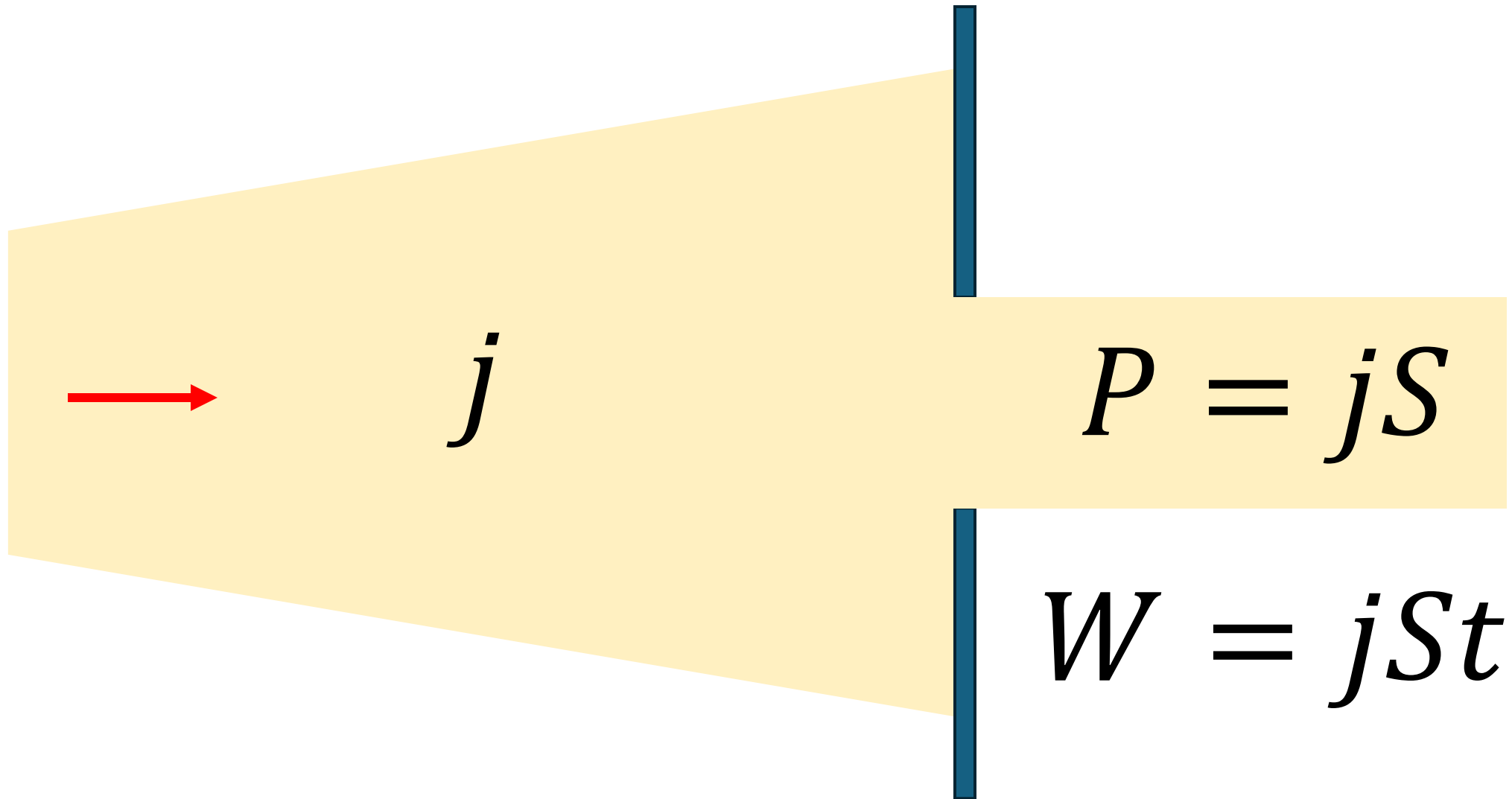


# Fotografska zenica

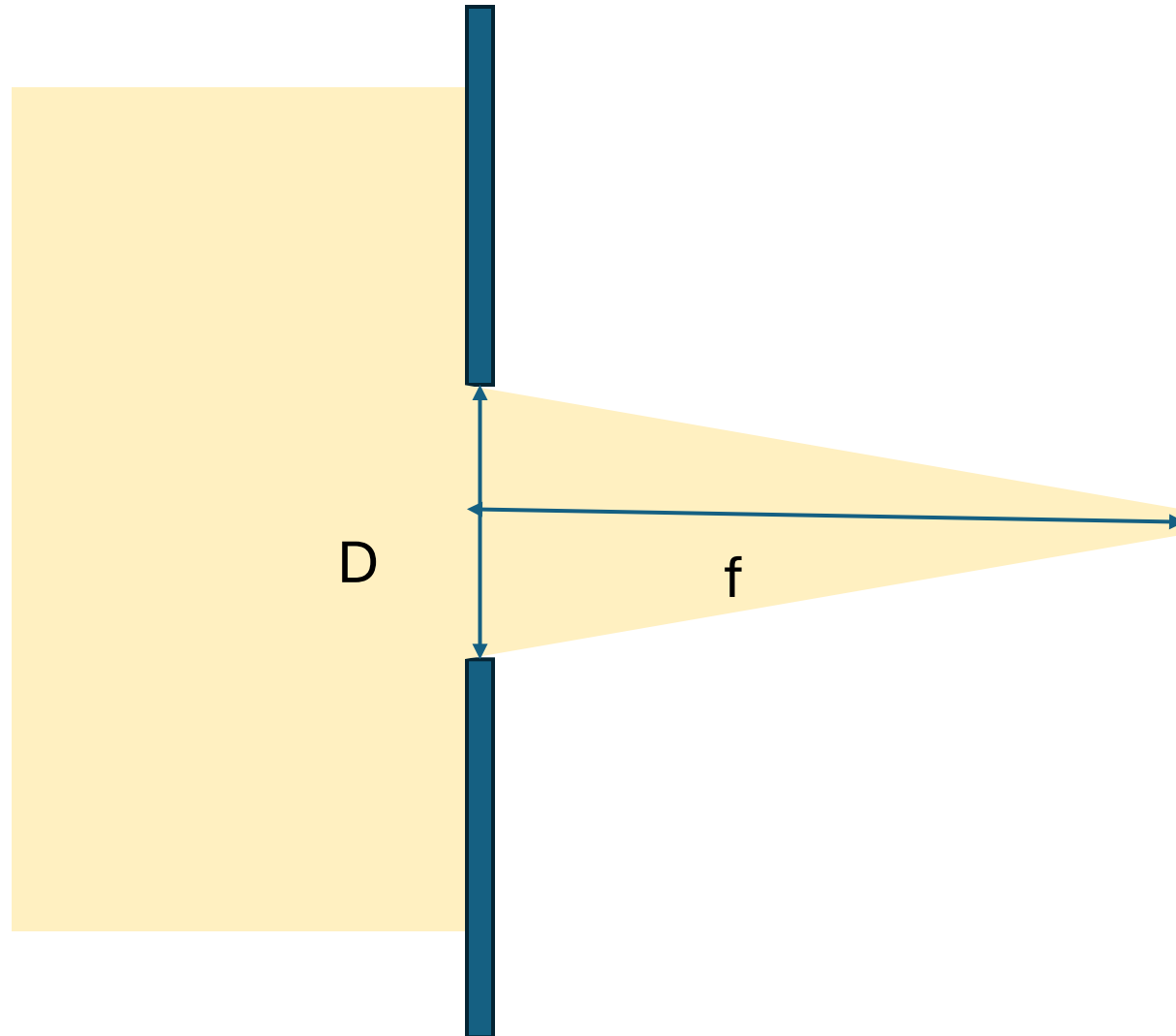
fizikalni članek, Presek 52, 2

svetloba – energijski tok



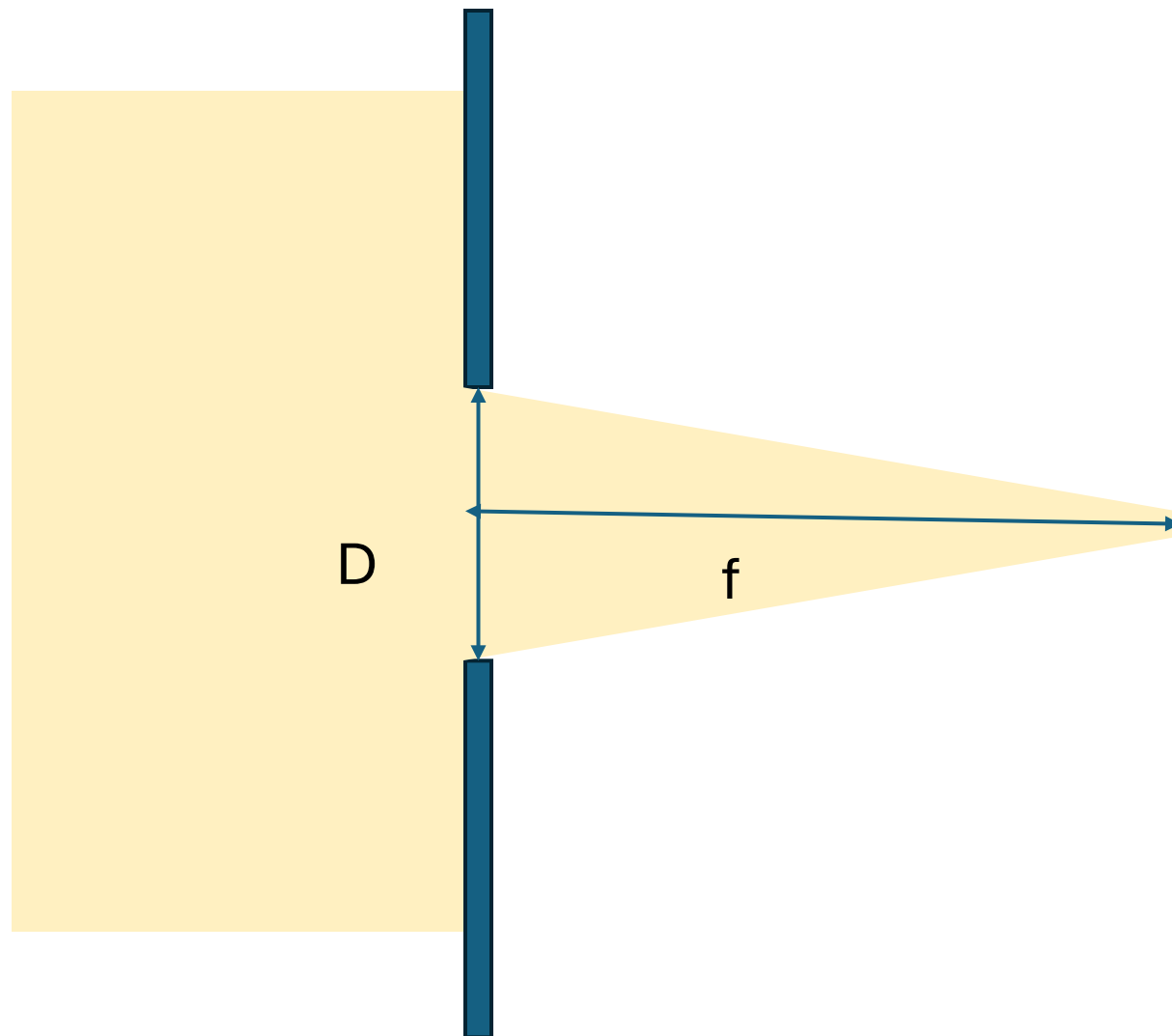
# objektiv

- goriščna razdalja
- premer zenice



# zaslonsko število

- $N = f/D$



# zaslonsko število

- $N = f/D$
- f/1.4, f/2.0, f/2.8, f/4.0, f/5.6, f/8.0
- Ali v zaporedju števil opazite kakšno pravilo/vzorec?
- $\sqrt{2}^n$

# zaslonsko število

- $N = f/D$
- $f/1.4, f/2.0, f/2.8, f/4.0, f/5.6, f/8.0$
- $N = 2$  pomeni za  $f = 100$  mm,  $D = 50$  mm
- $N = 8$  pomeni za  $f = 100$  mm,  $D = 12,5$  mm

# zaslonsko število $N = f/D$

$f/1.4$



$f/2.0$



$f/2.8$



$f/4.0$



$f/5.6$



$f/8.0$



- $N$  iz 2.8 na 4.0

- $W \propto ST \propto D^2 t$

- $\frac{t}{N^2} = konst.$

- $\frac{t'}{t} = \frac{N'^2}{N^2} = \frac{4,0^2}{2,8^2}$

- $t'/t = 2$



<u>f/stop</u>	<u>Shutter Speeds in Seconds (Fractions)</u>					
1.4	1/250	1/500	1/1000	1/2000	1/4000	1/8000
2	1/125	1/250	1/500	1/1000	1/2000	1/4000
2.8	1/60	1/125	1/250	1/500	1/1000	1/2000
4	1/30	1/60	1/125	1/250	1/500	1/1000
5.6	1/15	1/30	1/60	1/125	1/250	1/500
8	1/8	1/15	1/30	1/60	1/125	1/250
11	1/4	1/8	1/15	1/30	1/60	1/125
16	1/2	1/4	1/8	1/15	1/30	1/60
22	1	1/2	1/4	1/8	1/15	1/30

