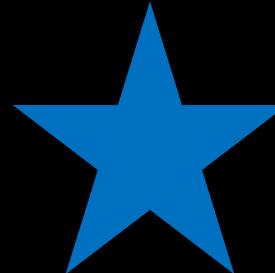
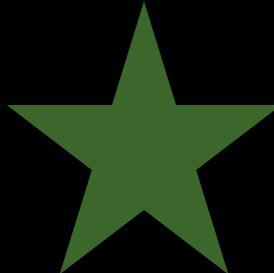




# Akú farbu majú hviezdy?



# Akú farbu majú hviezdy?



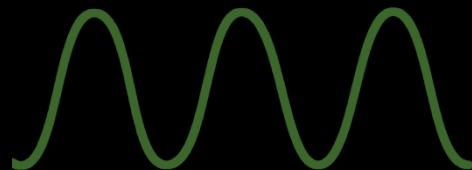
SVET

A large black infinity symbol is centered on a white background. The word "kúsky" is repeated in a grid pattern around the perimeter of the symbol, with each word rotated 90 degrees clockwise as it moves along the curve.





lámat' svetlo



robit' vlny



chytať fotóny



svetlo



svetlo



svetlo



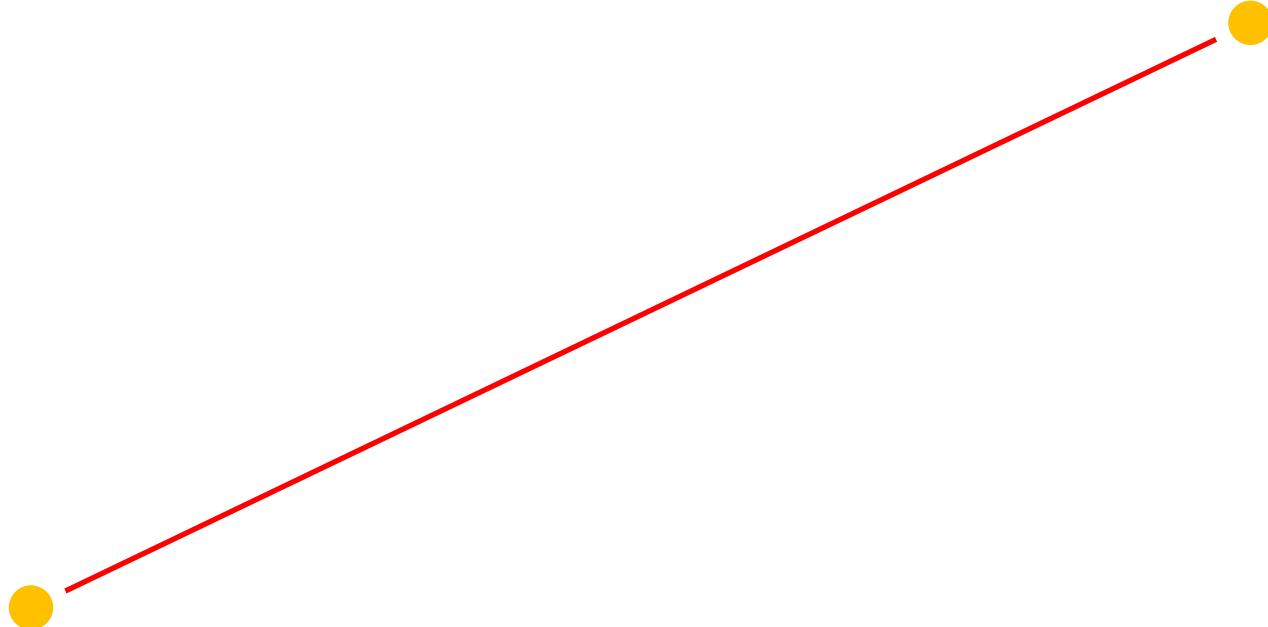
svetlo



svetlo

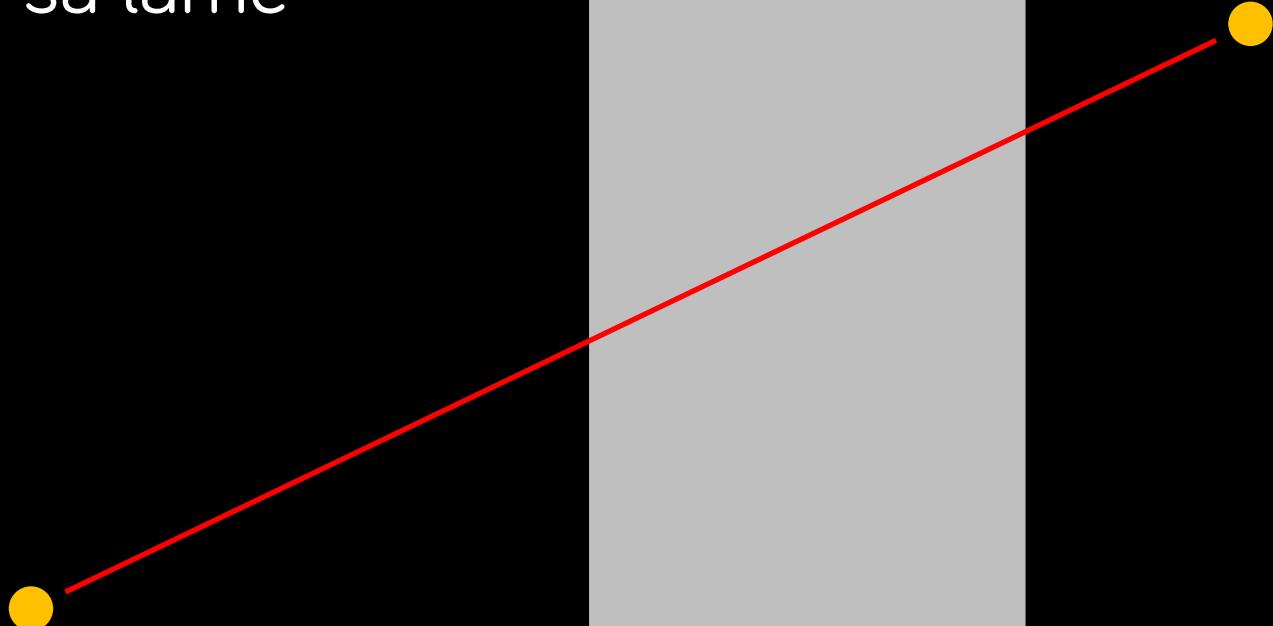


svetlo



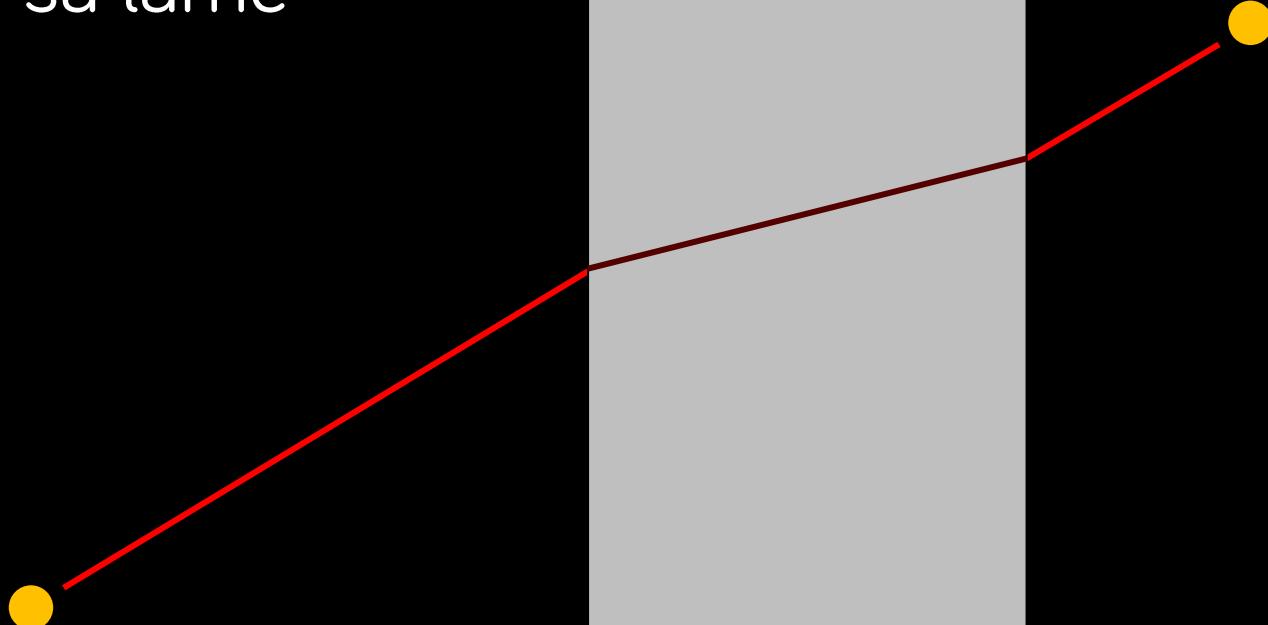


svetlo sa lámne



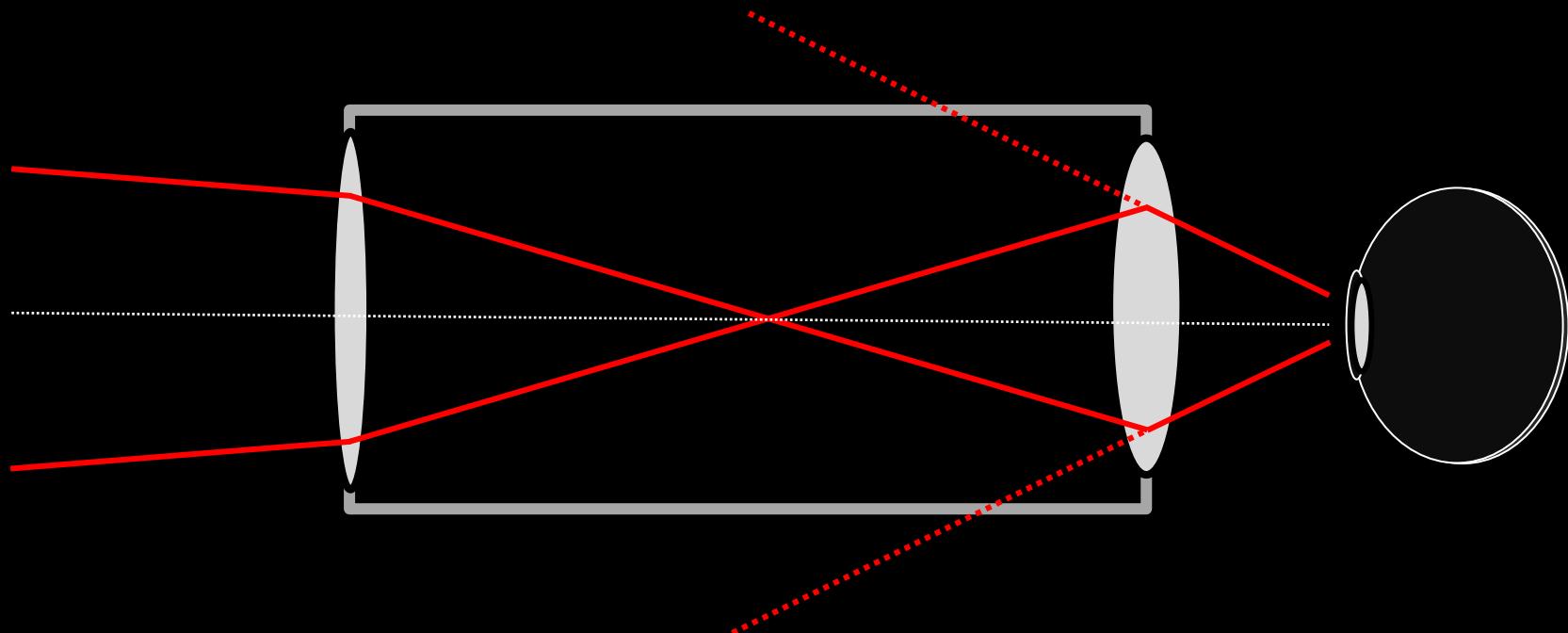


svetlo sa lámne



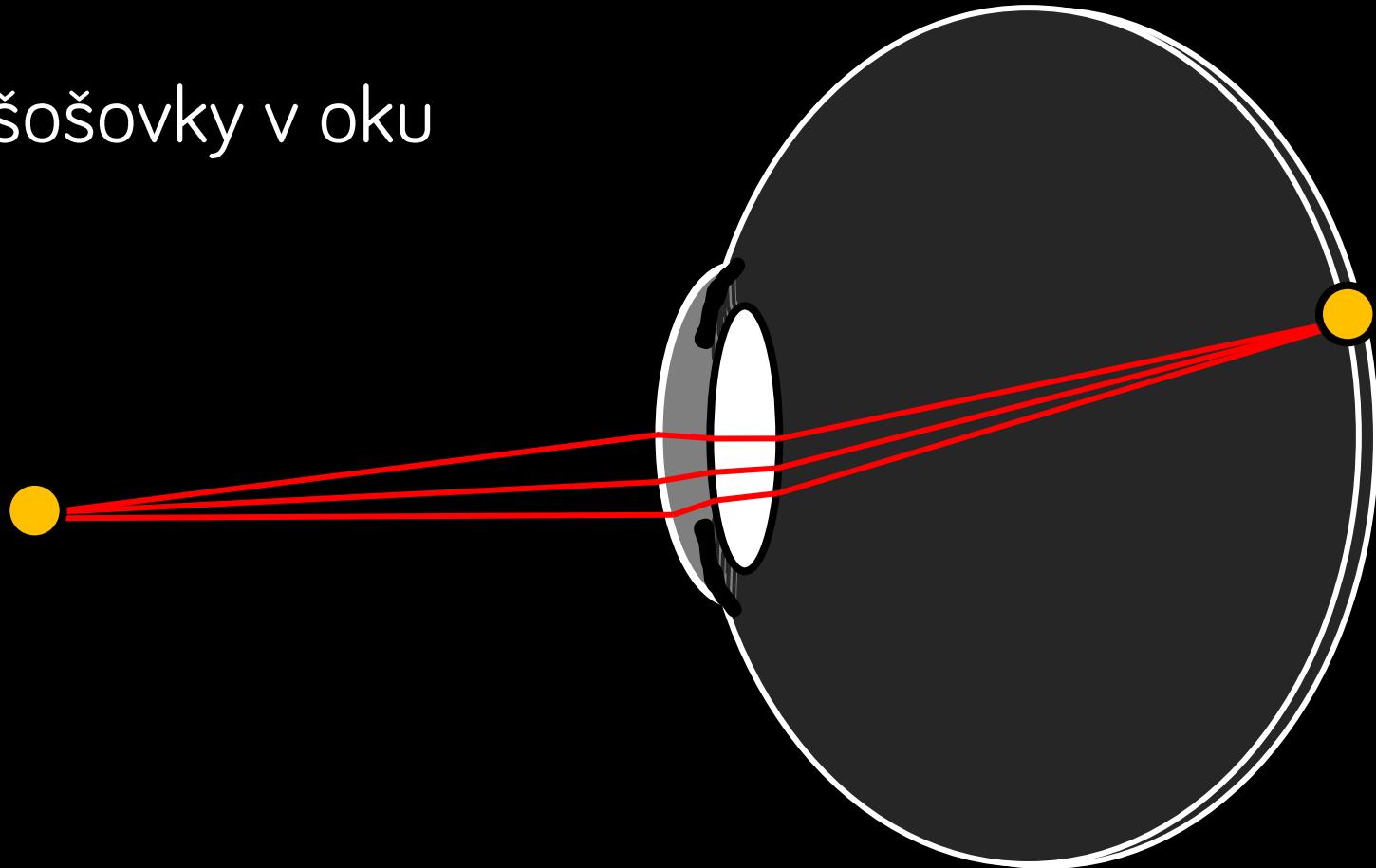


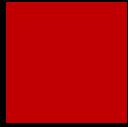
# šošovky v teleskope



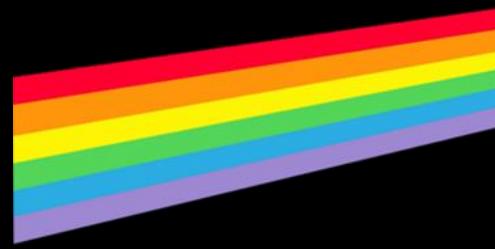


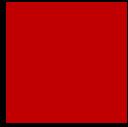
## šošovky v oku



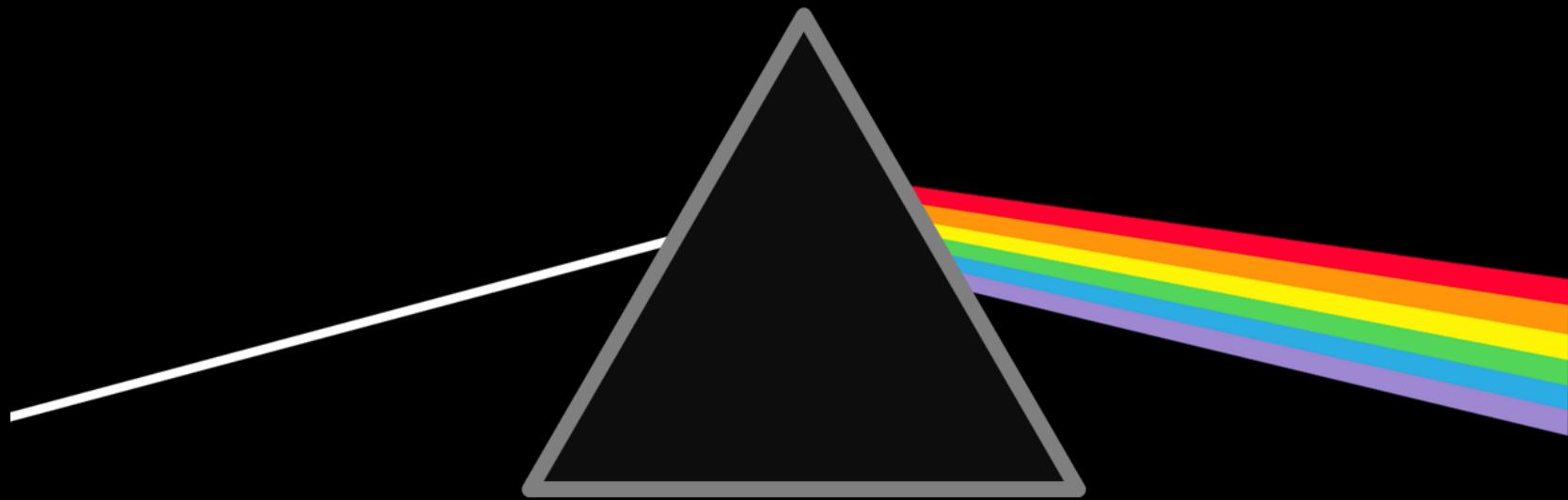


čisté a „špinavé“ svetlo



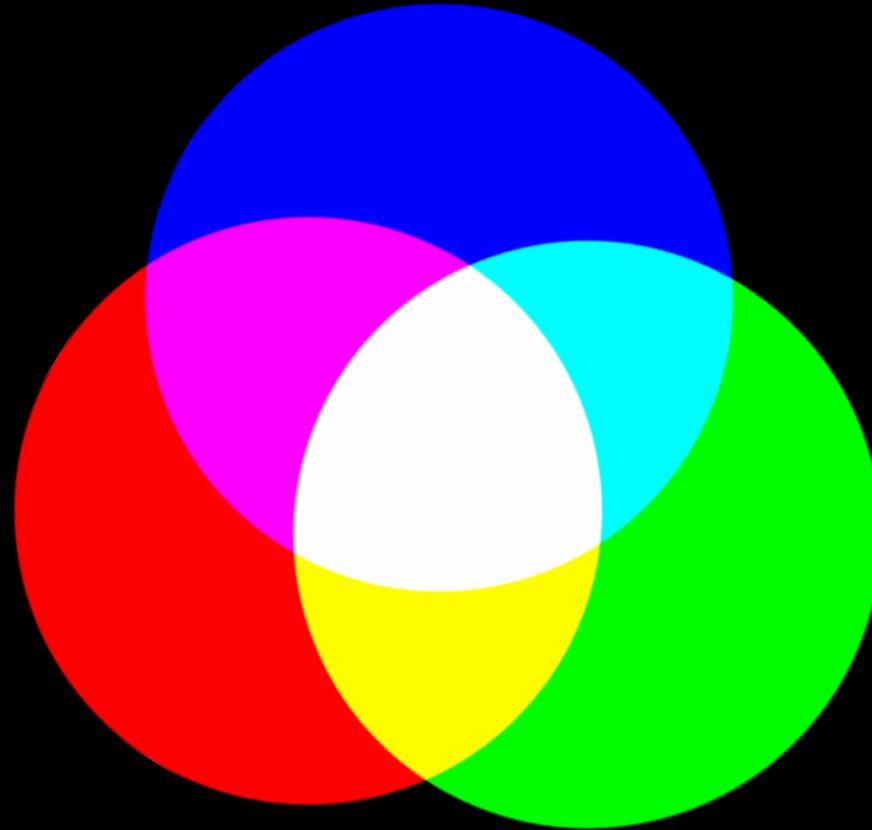
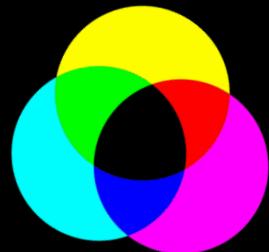


čisté a „špinavé“ svetlo





# skladanie



# Akú farbu majú hviezdy?

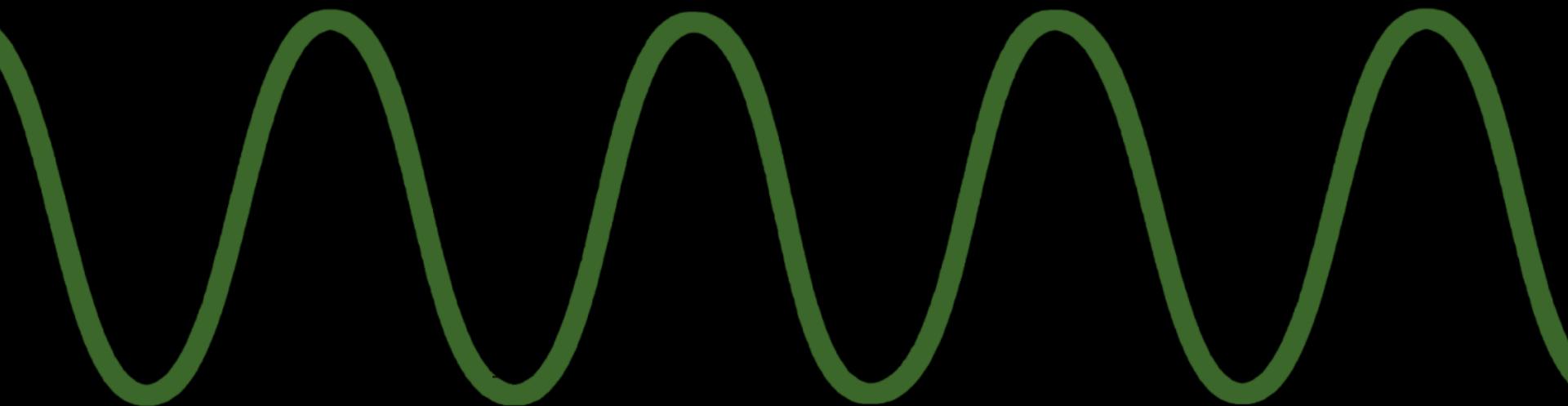


absorbčné  
čiary  
sodíka





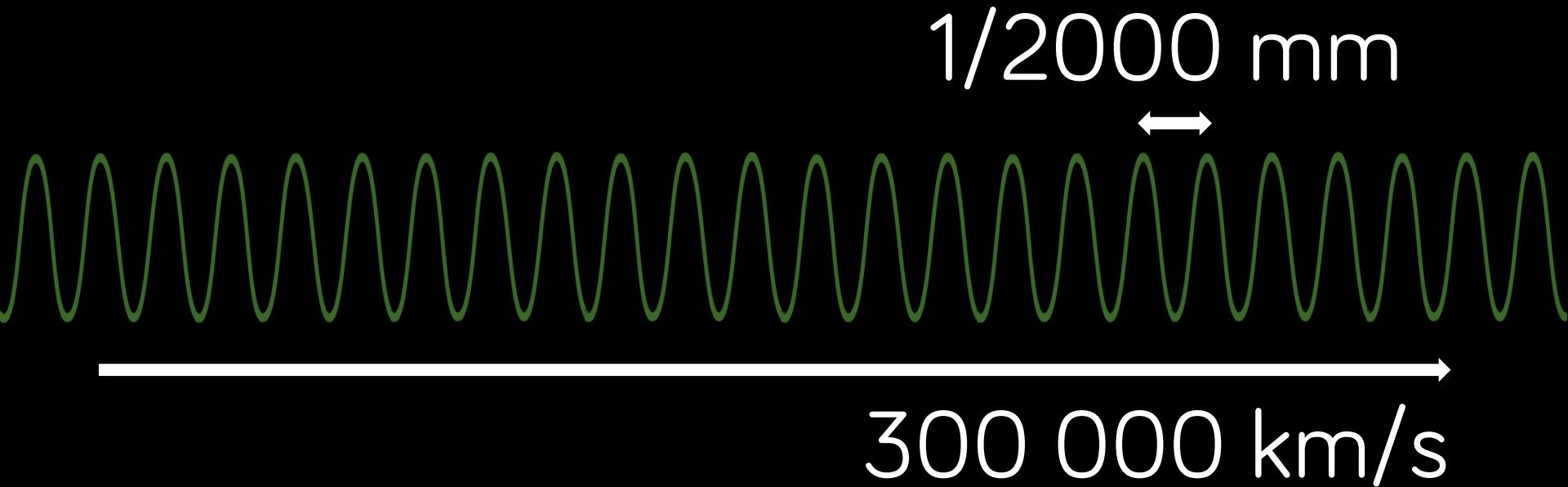
vlny







je svetlo vlna?





laser



vlas





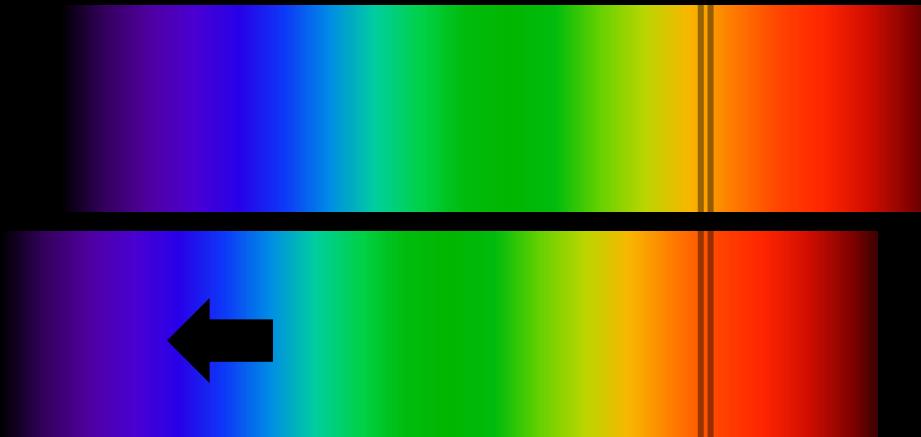
?



?

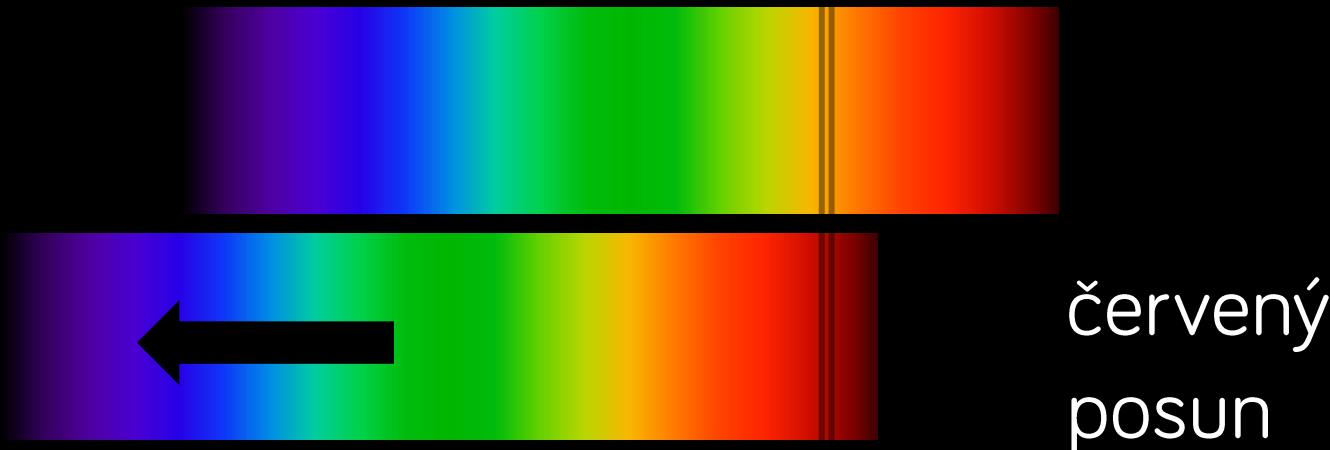
viditelné spektrum

# Akú farbu majú hviezdy?



červený  
posun

# Akú farbu majú hviezdy?







slabšie a slabšie svetlo



slabšie a slabšie svetlo



slabšie a slabšie svetlo



slabšie a slabšie svetlo



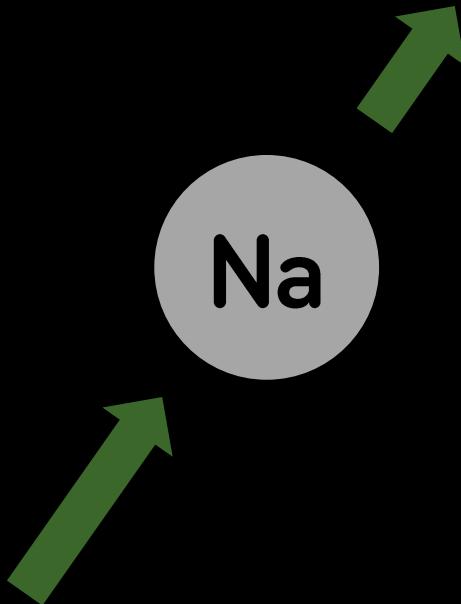
slabšie a slabšie svetlo

f o t ó n y





farba ... energia





farba ... energia



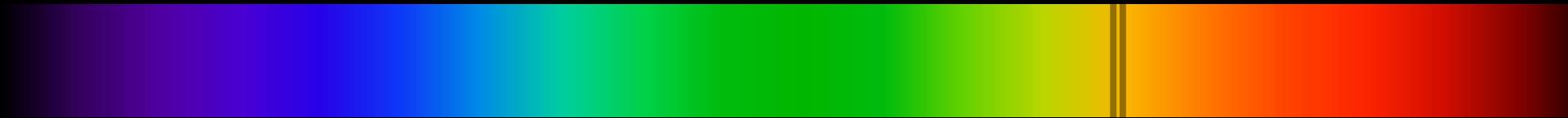


farba ... energia



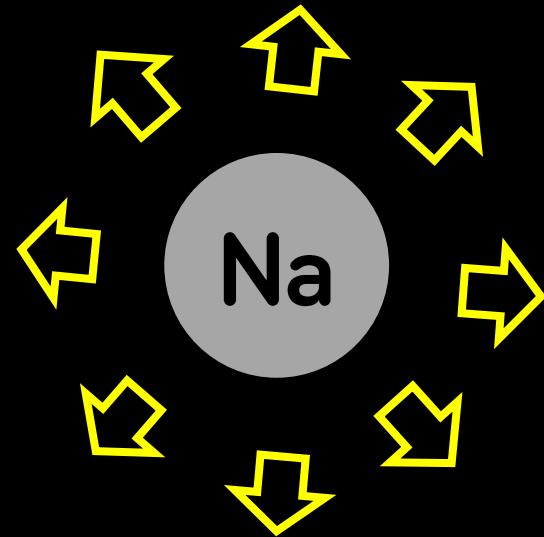


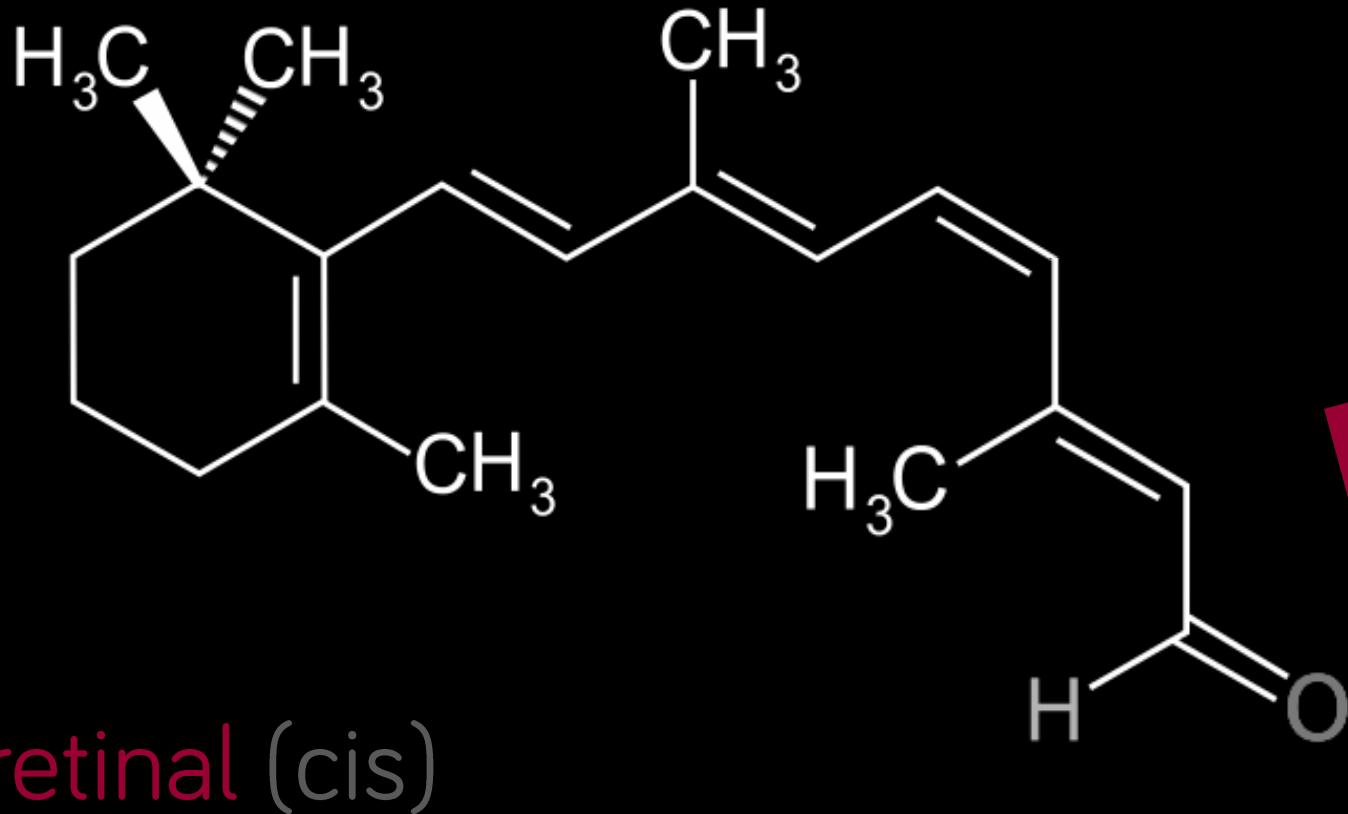
farba ... energia



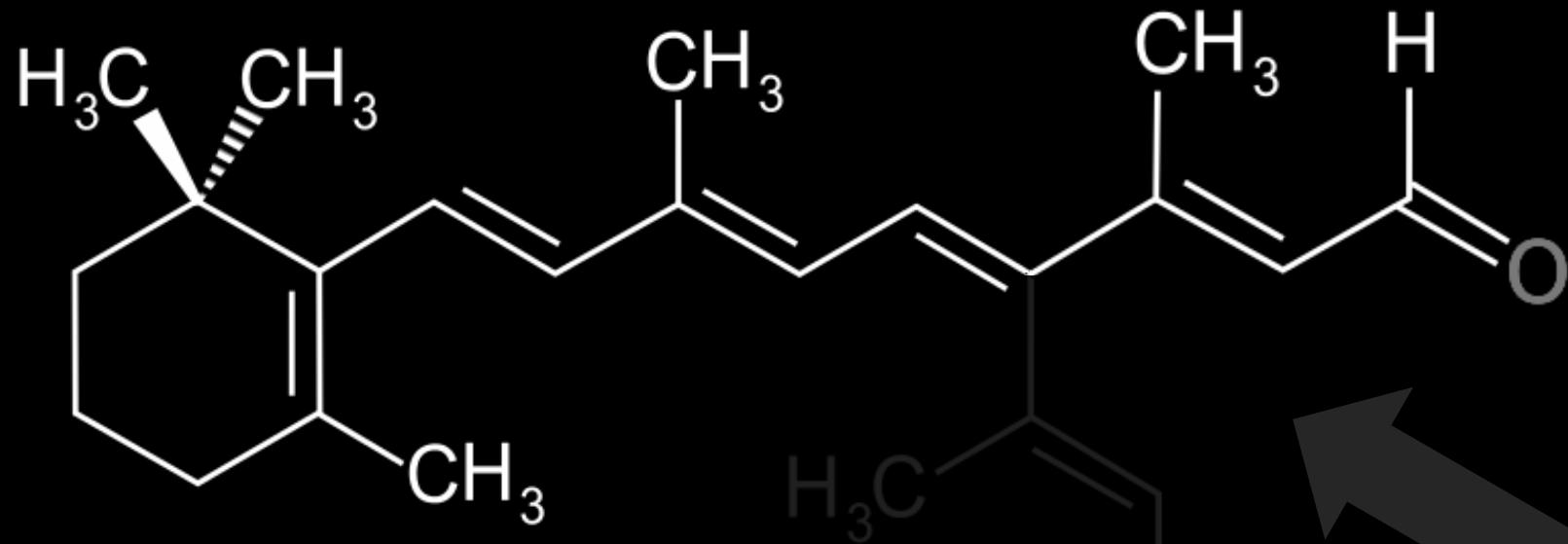


farba ... energia





[modified from RicHard-59/wikimedia]



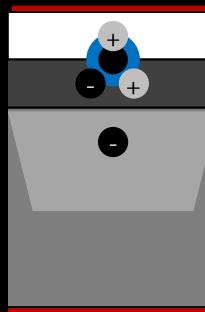
# retinal (trans)



# CCD: umelá sietnica



chytit'

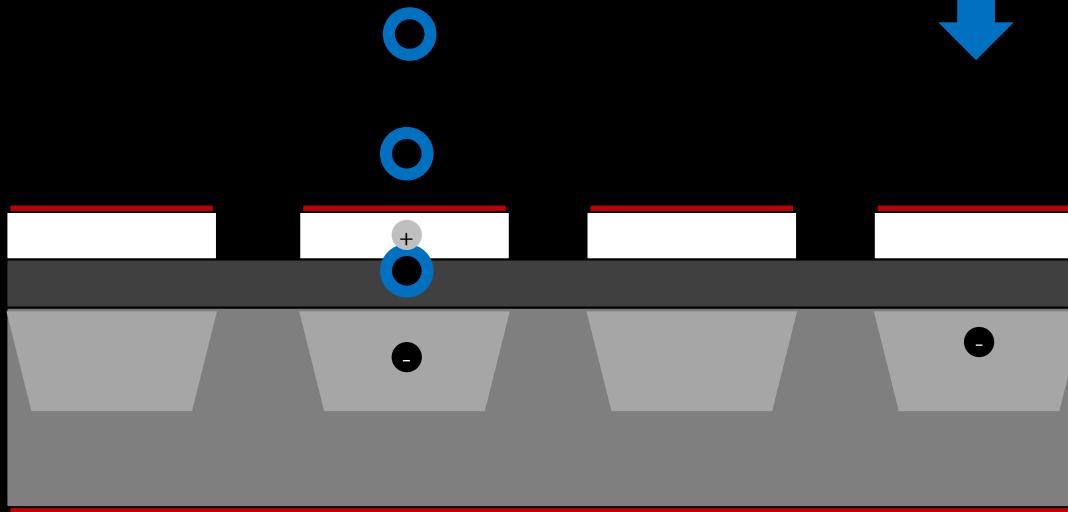




## CCD: umelá sietnica



chytit'

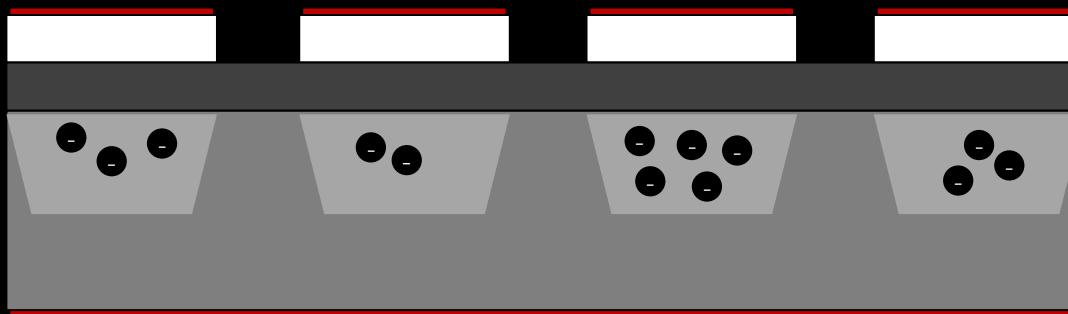




# CCD: umelá sietnica



chytit'

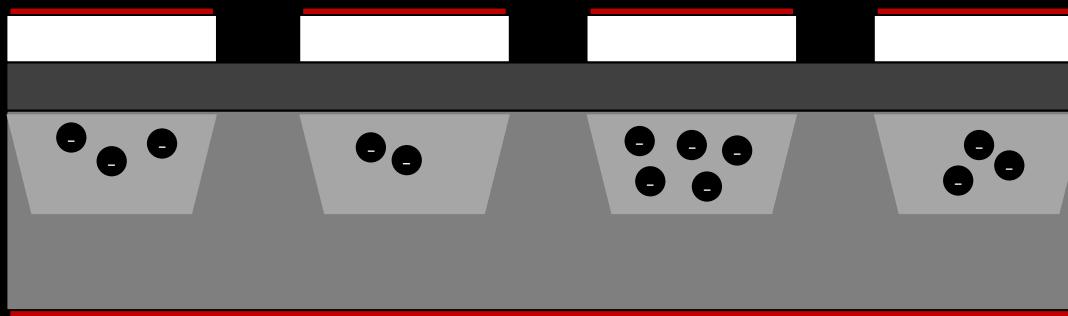




# CCD: umelá sietnica



chytiť



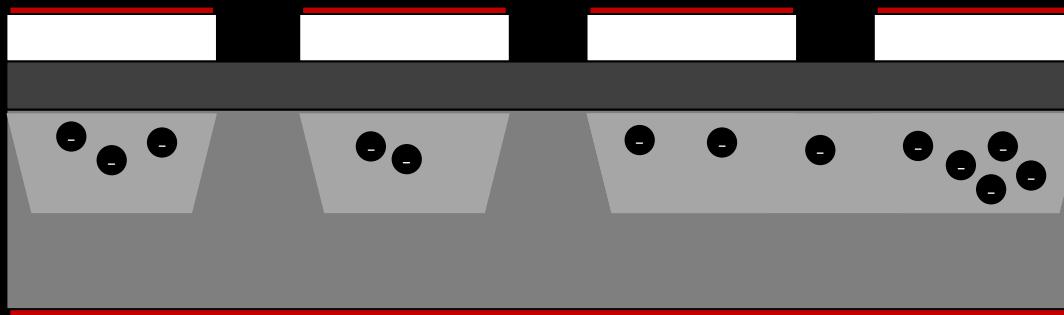
prečítať



# CCD: umelá sietnica



chytiť



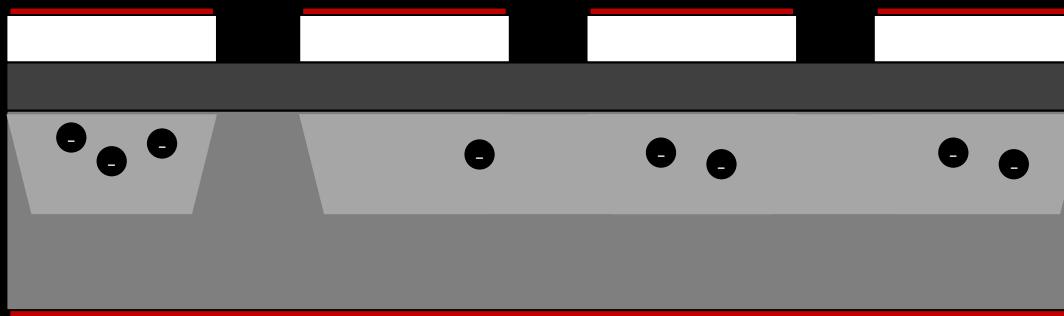
prečítať



# CCD: umelá sietnica



chytiť



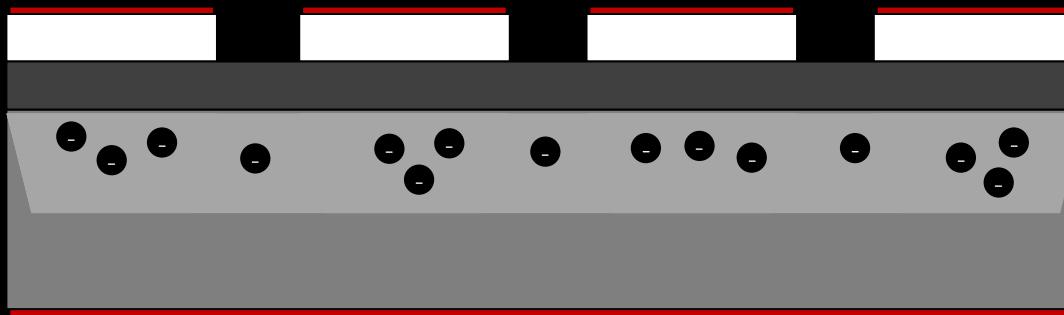
prečítať



## CCD: umelá sietnica



chytiť



prečítať

šošovka

objektív

sietnica

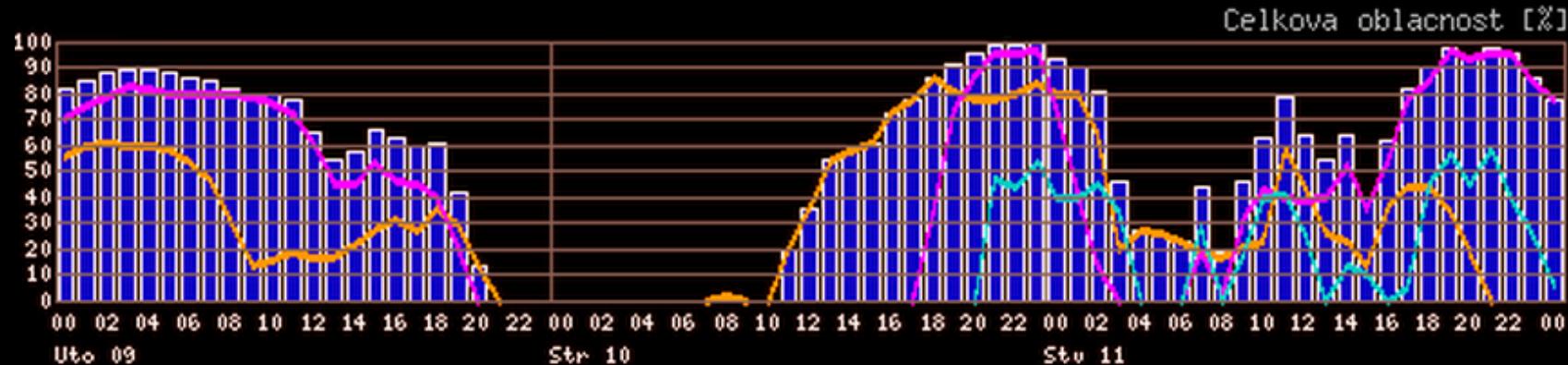
CCD

mozog

procesor



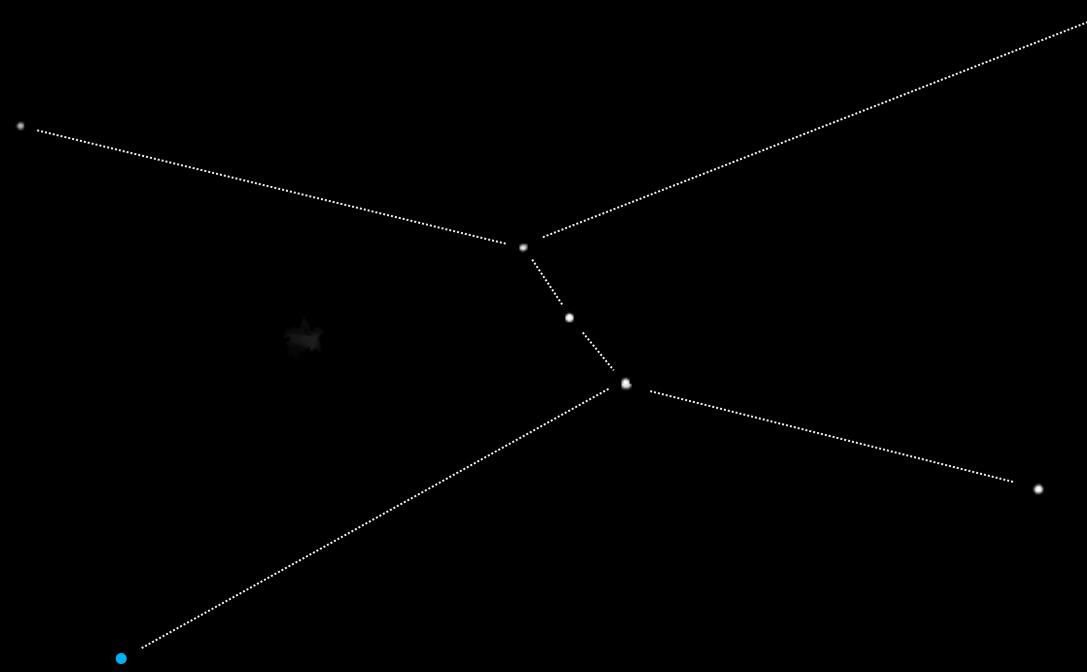
Bratislava (centrum)







Akú farbu majú hviezdy?



Akú farbu majú hviezdy?

[Rogelio Bernal Andreo]

