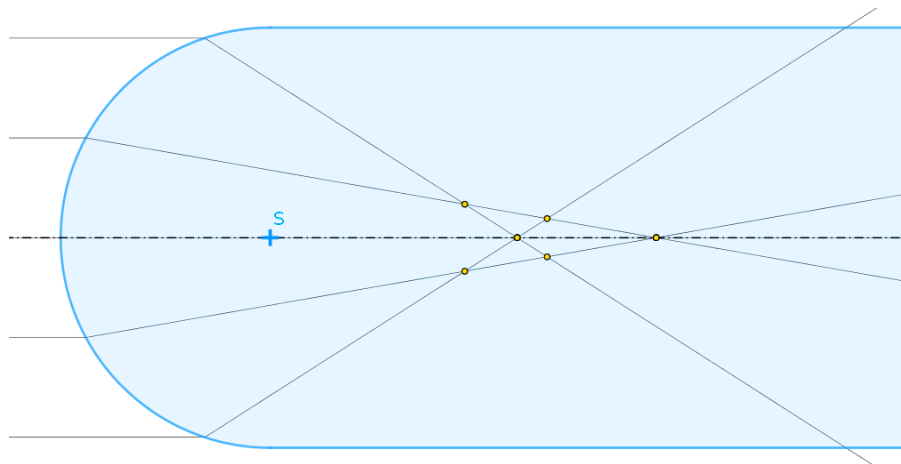
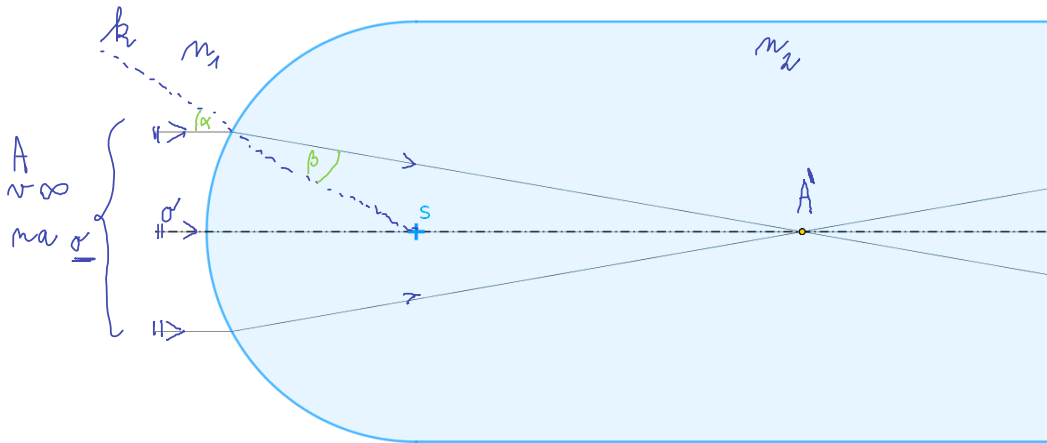


Zobrazení lomem na 1 kulovém rozhraní

PARAXIÁLNÍ APROXIMACE

1) $A \rightarrow \infty$ na σ

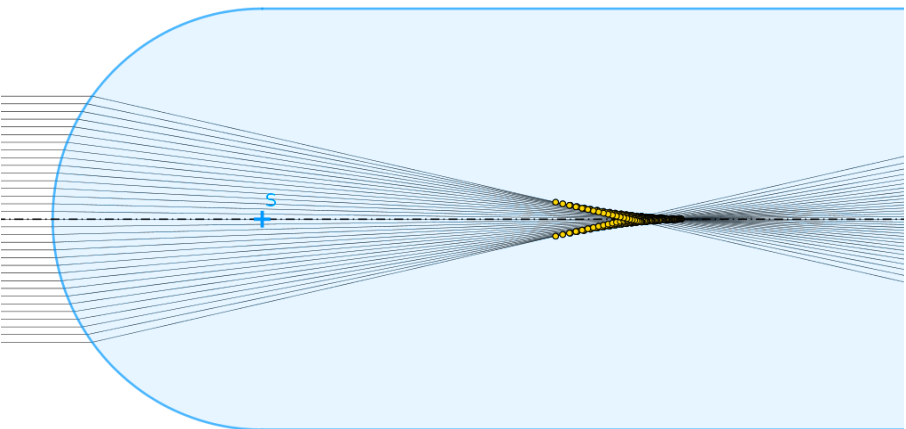
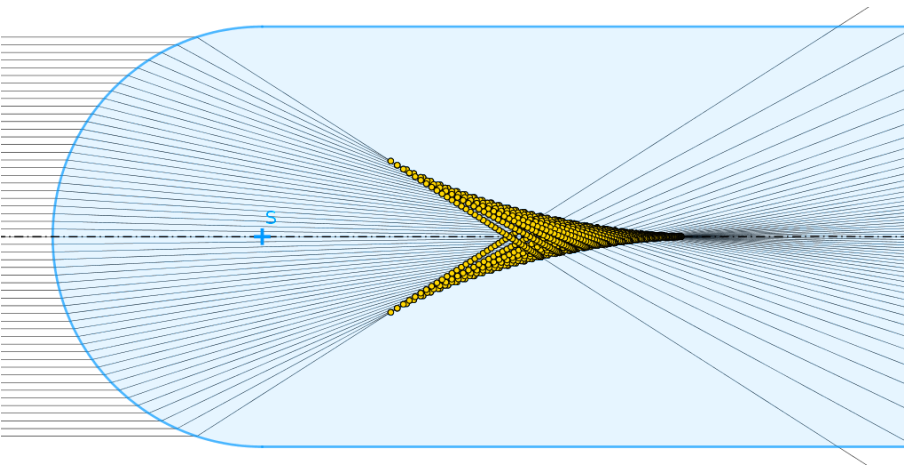


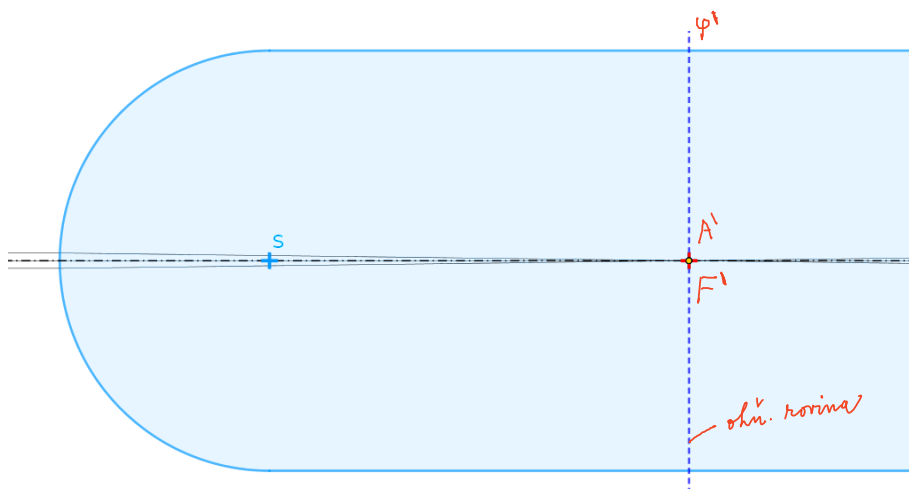
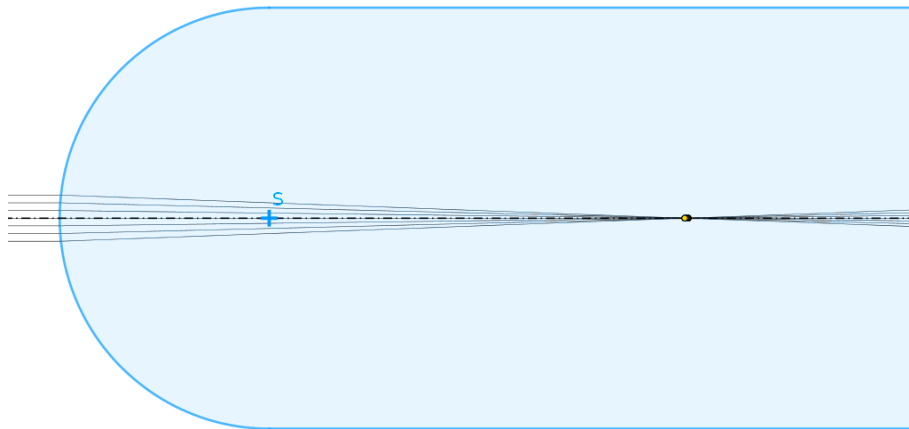
Snellius 2:

$$n_1 \sin \alpha = n_2 \sin \beta$$

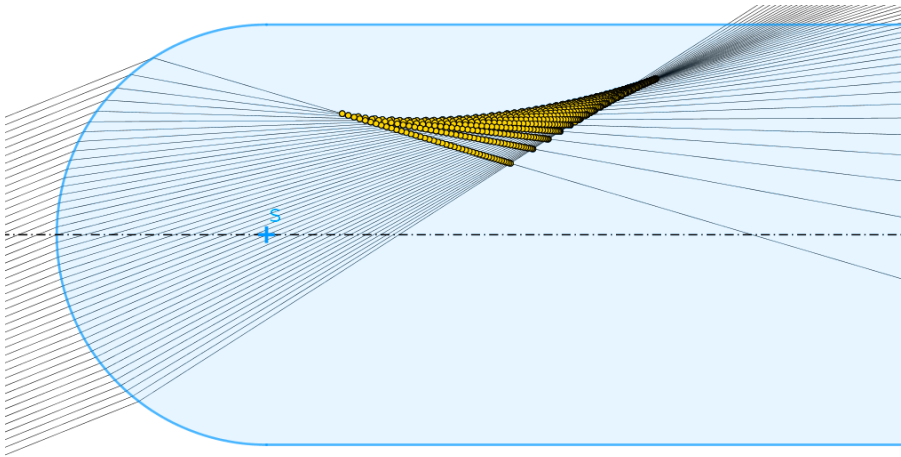
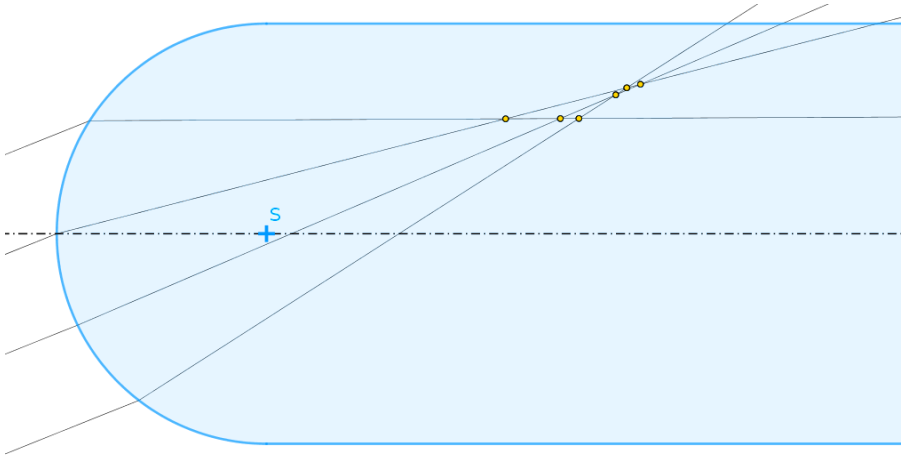
video 1 parax aprox opt
YouTube

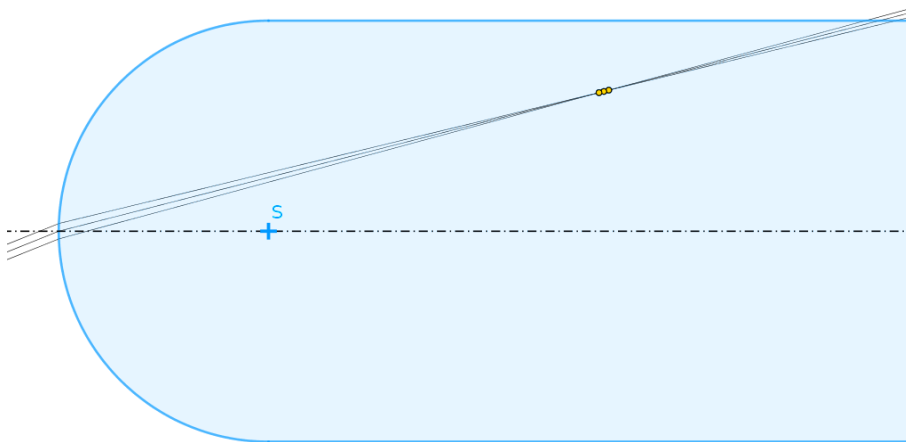
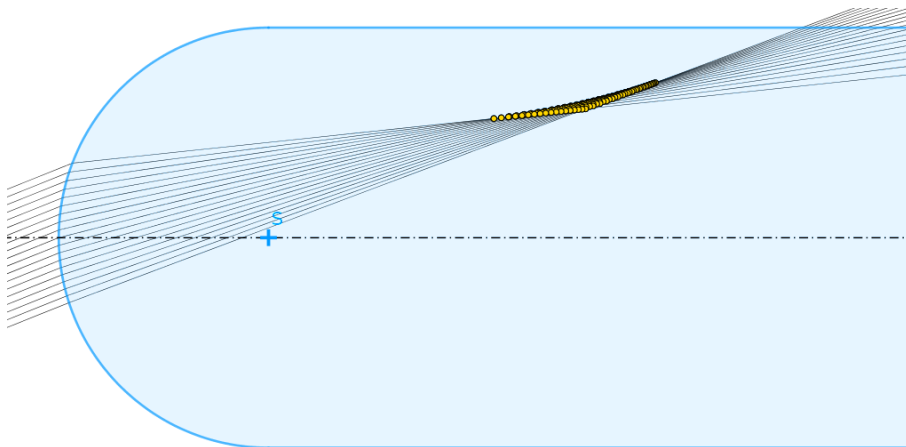


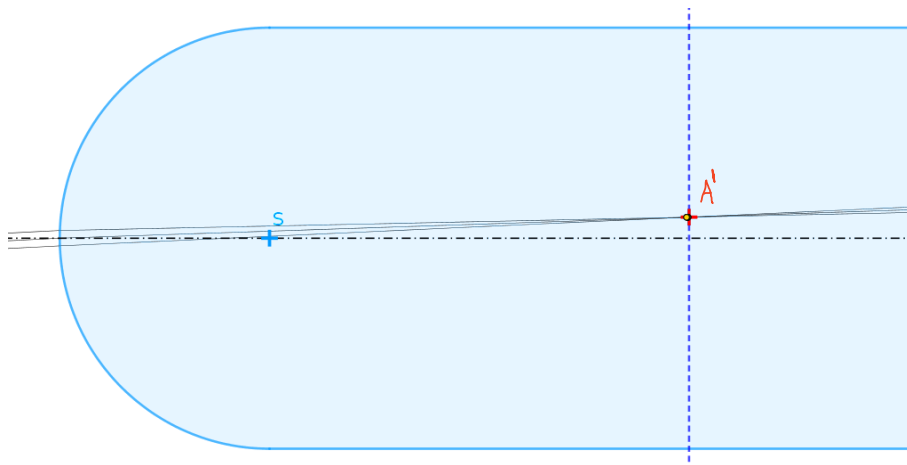




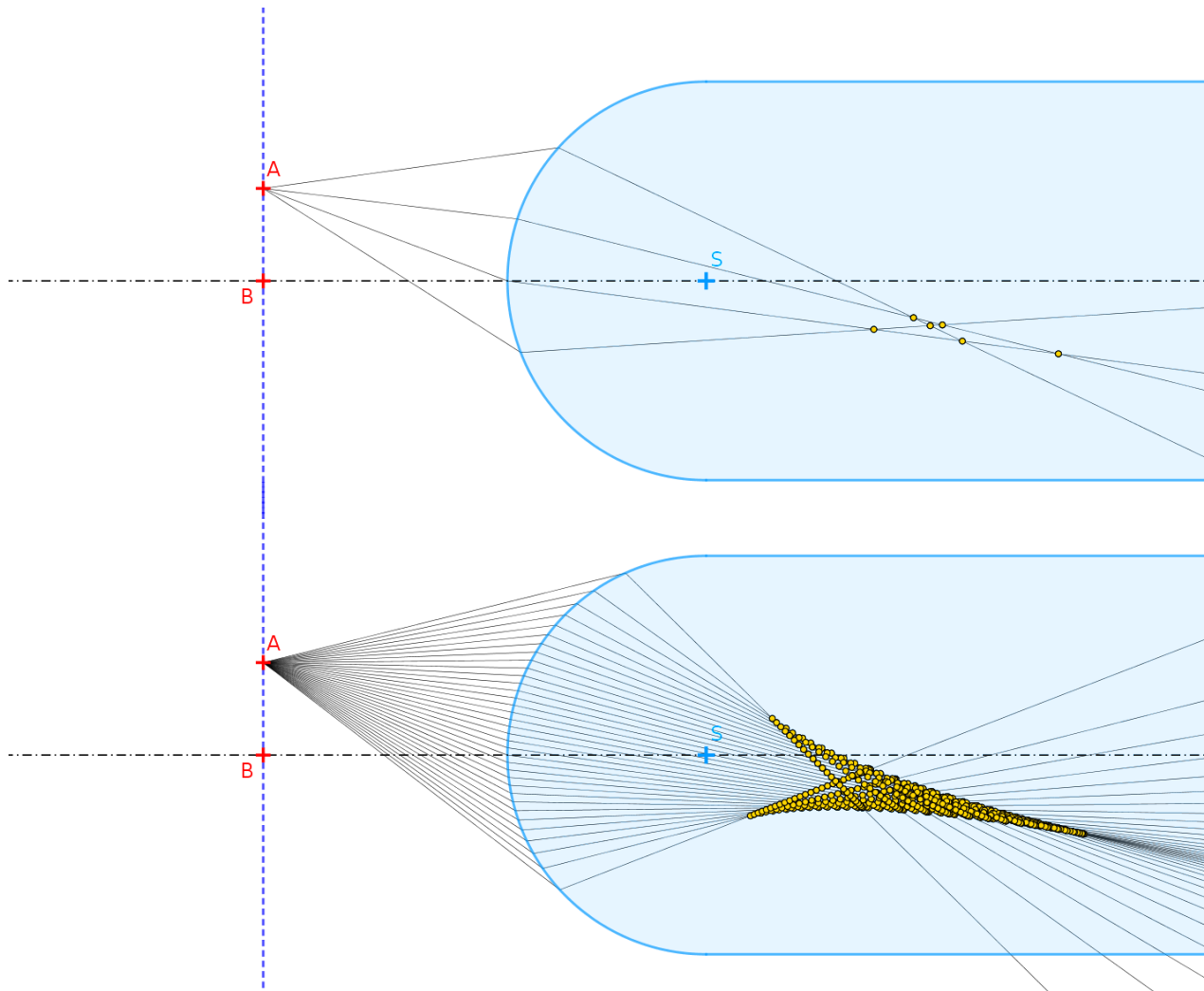
stisky rukov: $\frac{n(n-1)}{2} = 6$

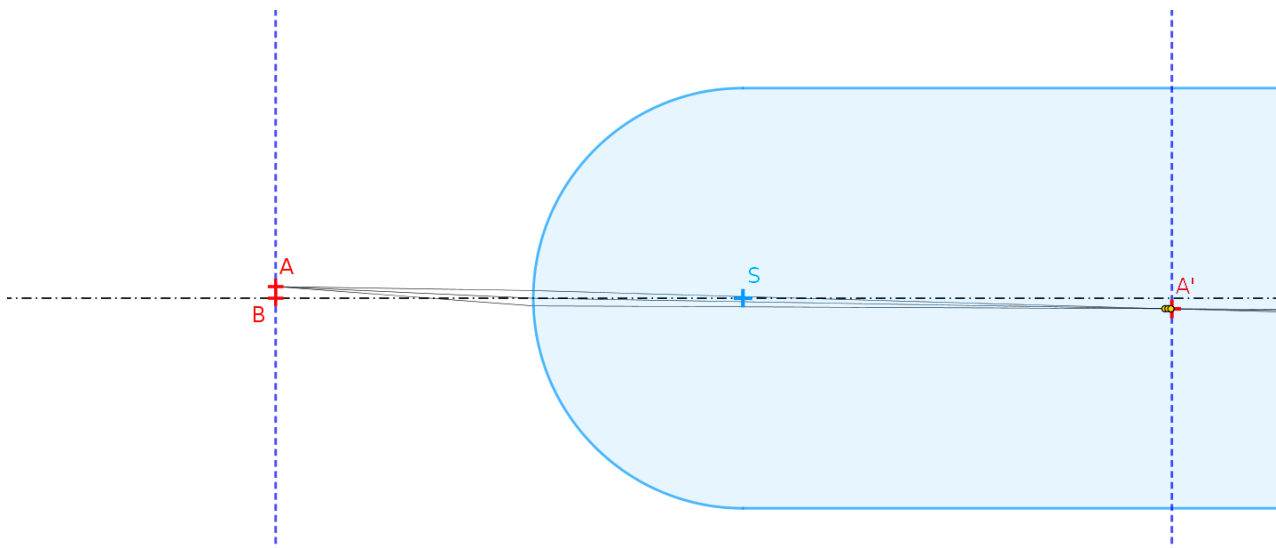
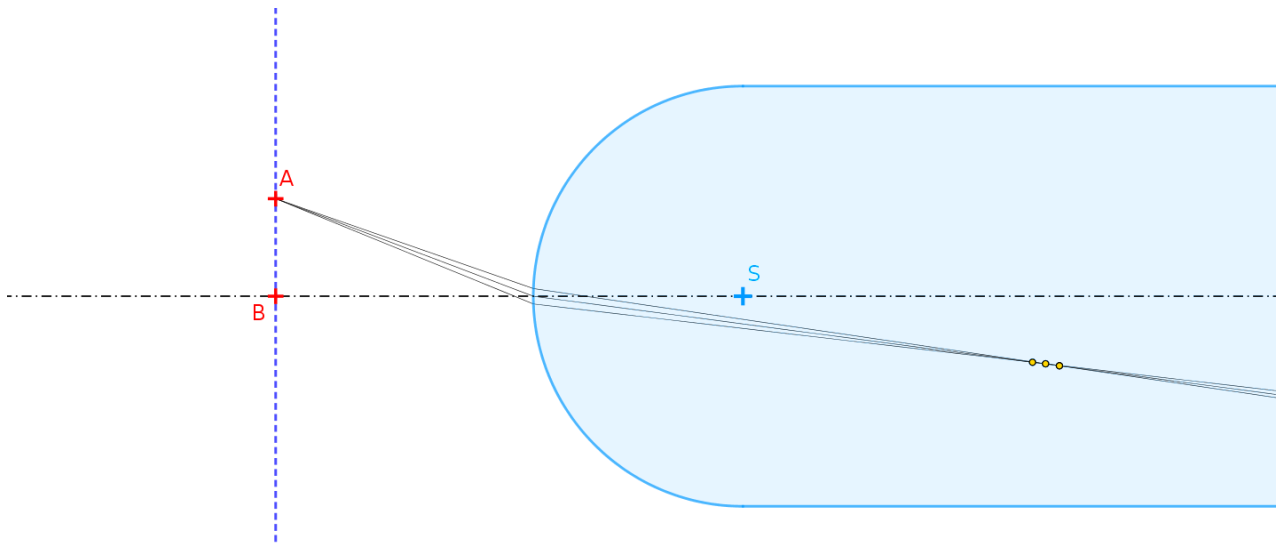






2) A v konečnu





- stigmatičná zobrazovací soustava :
 - obrazem bodu je bod
- ideální zobrazovací soustava :
 - (IZS)
 - obrazem bodu je bod
 - obrazem přímky je přímka
- Aby se zobrazení lomem na 1 KUPLOŠE přiblížilo IZS, musíme pracovat výhradně s paraxiálními paprsky
 - mluvíme o **PARAXIÁLNÍ APROXIMACI**