plocha č.													
n'													
n													
r													
d													
x													
n/x													
$\varphi' = (n'-n)/r$													
n'/x'													
x'													
x'-d													
x'/(x'-d)													
$\sin \sigma$													
$\sin \varepsilon$													
$\sin \varepsilon'$													
$\sin \sigma'$													
x'													
x'-d													
h													
σ													
ε													
$\sigma - \varepsilon$													
ε'													
σ'													

$n'/x' = n/x + \varphi'$

$\sin \varepsilon = (r - x)/r \sin \sigma$

$\sin \varepsilon' = n/n' \sin \varepsilon$

$\sigma' = \sigma - \varepsilon + \varepsilon'$

$x' = r - r \sin \varepsilon'/ \sin \sigma'$

$h = r \sin (\sigma - \varepsilon)$

$\mathbf{x} \rightarrow \infty$: $\sin \varepsilon = -h/r$

$\mathbf{r} \rightarrow \infty$: $\varepsilon = \sigma$

$\sin \varepsilon' = n/n' \sin \varepsilon$

$\sigma' = \varepsilon'$

$x' = x \operatorname{tg} \sigma / \operatorname{tg} \sigma'$