$(0,0,z)$

$|\boldsymbol{r} - \boldsymbol{r}'| = \sqrt{b^2 + z^2}$

$\boldsymbol{r}$

b

ϕ

$\boldsymbol{r}'$

y

x

الف

$\mathrm{d}L' = b\,\mathrm{d}\phi$

$\mathrm{d}Q' = \rho_L b\,\mathrm{d}\phi$