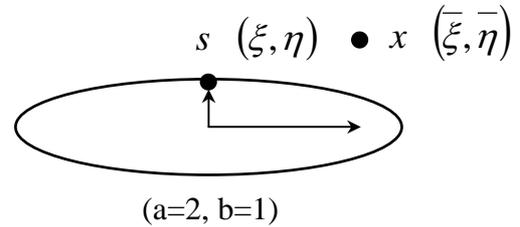
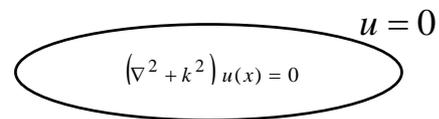


程式 39 橢圓內外域問題

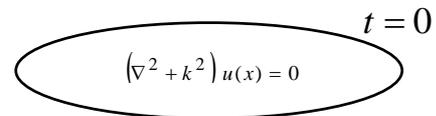
1. Expand the kernel function in terms of elliptical coordinate.



2. Find the eigensolution for the elliptical domain to $u = 0$ using MRM, real and imaginary-part BEMs.



3. Find the eigensolution for the elliptical domain to $t = 0$ using MRM, real and imaginary-part BEMs.



4. Solve the exterior radiation problem for the elliptical radiator ($u = \bar{u}$) using UT and LM methods.



5. Solve the exterior radiation problem for the elliptical radiator ($t = \bar{t}$) using UT and LM methods.

