Volume discretization is done.

Numerical potential on the right boundary is done, but the result seems not accuracy enough.

% volume elements for the whole computational domain ------------------------

V = zeros(size(Z,1),size(Z,2));

V(:,1) = pi\*(delr/2)^2\*delz;

for j=2:size(V,2)

V(:,j) = pi \* ( (r(j)+delr/2 )^2 - ( r(j-1)+delr/2 )^2 ) \* delz;

end