function Integral = Sub\_Integral(S,xi,N,delta\_0)

n = 1:N;

M = length(xi);

Integral = zeros(M,N);

for i = 2:M

Xi = xi(1:i);

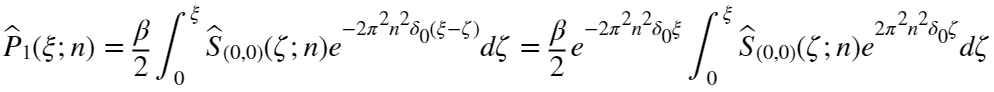
for j = 1:N % please optimize

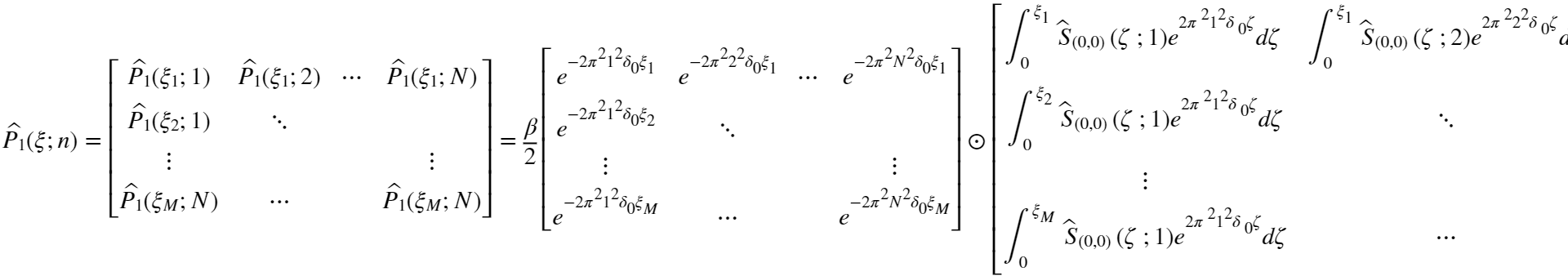
Integral(i,j) = trapz(Xi,transpose(S(1:i,j)).\*exp(2\*pi^2\*j^2\*delta\_0.\*Xi));

end

end

end





near field에서는 틀릴수도 있으나,  = 1에서는 맞아야 할 것 같다.