for $j = 1, \ldots, n_\omega$ **do**
    if $C_j ==$ `False` **then**
        $G(\omega_j) \leftarrow 0$
    end if
end for
for $l = 0, \ldots, N_{\text{test}} - 1$ **do**
    Evaluate $H(k = 2\pi l / N_{\text{test}})$
    for $j = 1, \ldots, n_\omega$ **do**
        if $C_j =$ `False` **then**
            Evaluate $G(\omega_j, k)$
            $G(\omega_j) \leftarrow G(\omega_j) + G(\omega_j, k)$
        end if
    end for
end for
for $j = 1, \ldots, n_\omega$ **do**
    if $C_j =$ `False` **then**
        $e \leftarrow |G_{\text{trial}}(\omega_j) - G_{\text{test}}(\omega_j)|$
        if $e > \varepsilon$ **then**
            $C_j \leftarrow$ `True`
        end if
    end if
end for