1

GREEN'S FUNCTION CONVENTIONS -> APPEL

$$\beta_{s} = \frac{c_{s}}{r} \frac{\partial F_{s}}{\partial s} - \frac{\partial C_{s}}{\partial s}$$

$$\int_{\infty}^{\infty} \frac{1}{k^2 - (E/C)^2} e^{-iEu} dE = \int_{-\infty}^{\infty} \frac{-1}{E^2 - k^2} e^{-iEcu} dE$$

$$E = E/C$$



thanks to Wei-Xiang Forg for pointing this of