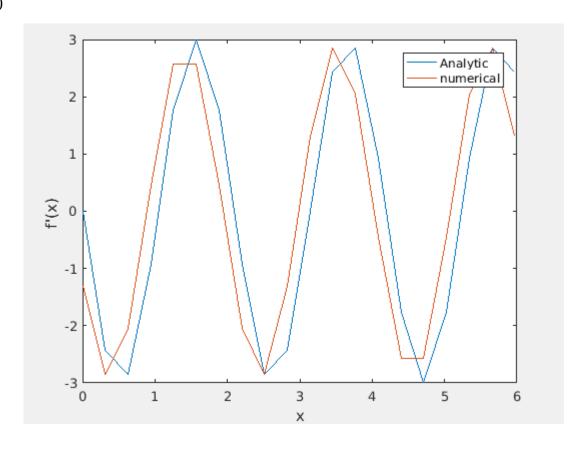


c)



d) mu =

-1.3121 + 2.5752i

-1.3121 + 2.5752i -1.3121 + 2.5752i

-1.3121 + 2.5752i

-1.3121 + 2.5752i

-1.3121 + 2.5752i

-1.3121 + 2.5752i

-1.3121 + 2.5752i

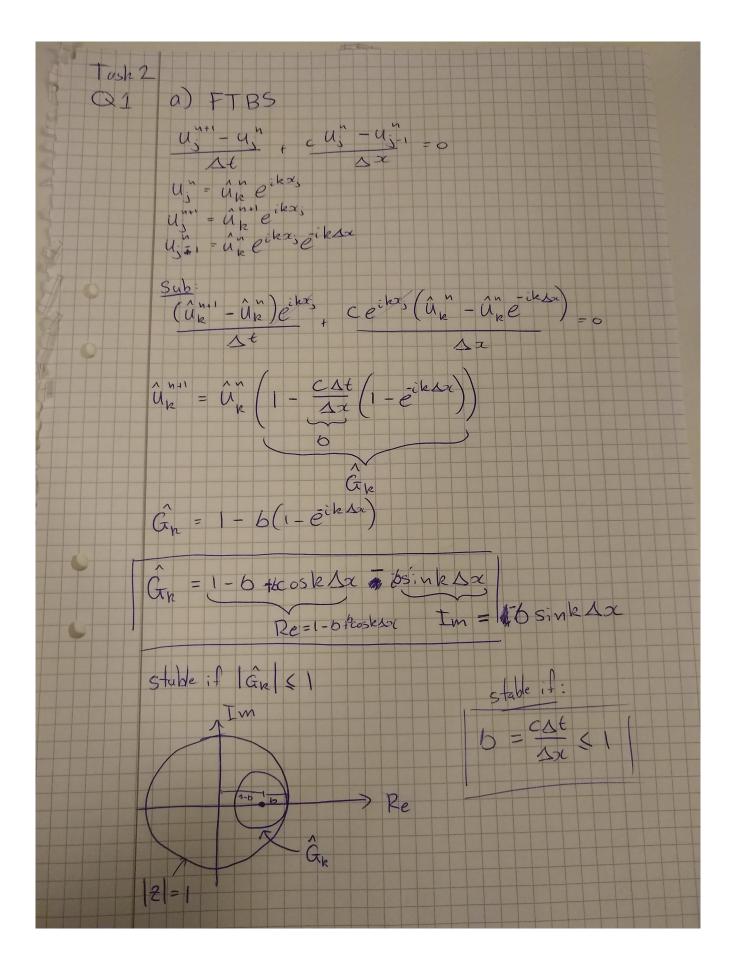
-1.3121 + 2.5752i

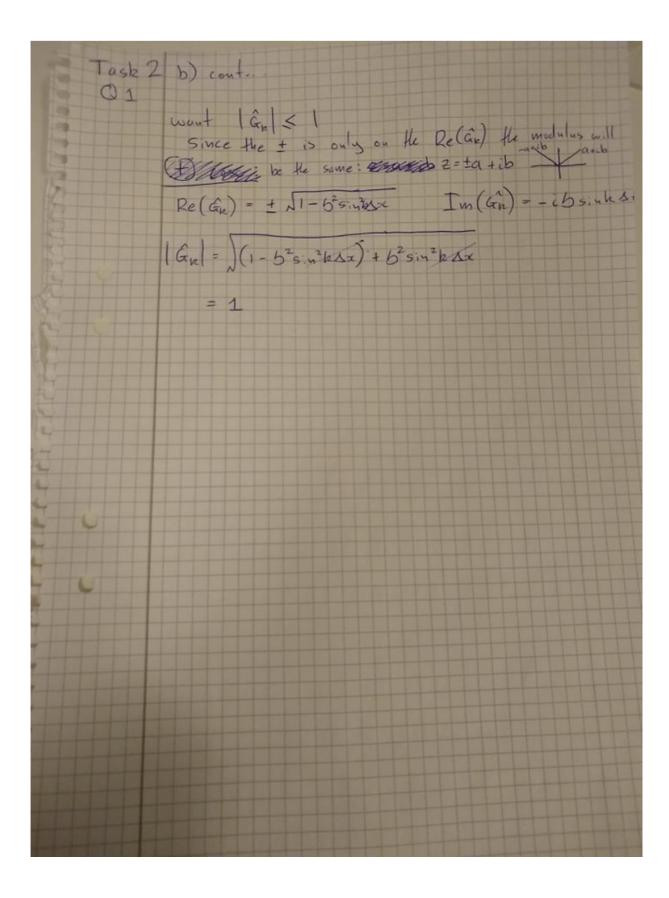
-1.3121 + 2.5752i

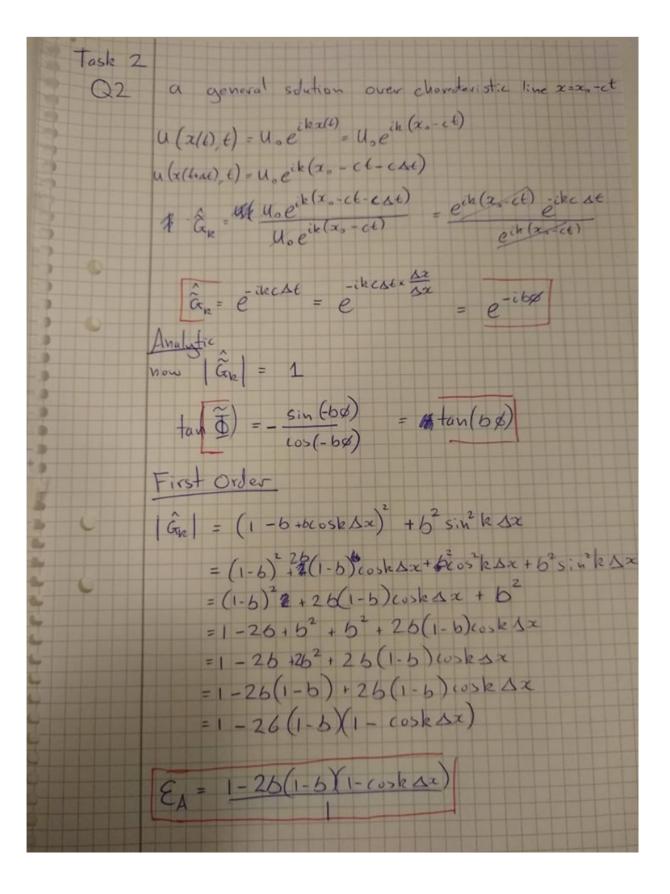
k_mod =

-1.3121 + 2.5752i

From the output we can see that ikf = Df for the current case. Analytically this makes sense as well!







Task 2 First Order cont. Ep= tan (bs. wk Ax) / bø Leap-frog: | | GR | = 1 (from question 1) $\varepsilon_{A} = 1$ $\tan(\overline{\Phi}) = -\frac{-b\sin(\overline{\Phi})}{+\int 1-b^2\sin^2\theta}$ $tan(\overline{\phi}) = \pm \frac{b \sin \beta}{\sqrt{1 - b^2 \sin^2 \beta}}$ Ep = tan (+ bsing) x 1

