

f(x) = \frac{x}{2x-1}

y = \frac{1}{x} - 1

y+1 = \frac{1}{x}

\frac{1}{y+1} = x

\frac{1}{y+1}

\frac{2}{2+1} - 1 = f(y)

f(z,t) = A e^{i(kz-ut)}

f(z,t) =

A

Exercises 9-8 (a)

(a)

f(t) = A e^{i(kz-ut)}

f(t) = A e^{ikz} e^{-iut}

constant only variate.

e^{-iut} is clockwise

a wave circling the other way

B described by $A e^{ikz} e^{iut}$

(c) shake the string in ~~A~~ one direction, then shake in the orthogonal direction as ~~the~~ it reaches its peak.

ub) f(z,0) = A e^{ikz}

