MTG 11 (b) | F2018 from this morning: I process becombre $A A^{-1} = 1$ A'; 11><11 (A-1) 10 14>< 81 = A'; (A-1)ke 11>(11k)(21 = A^i , $(A^{-1})^i$, $|i\rangle\langle\ell|$ = S^i , $|i\rangle\langle\ell|$ i.e. \ = A'; (A')' \ = 8' \ gowbase p: 1dx Ox G(x,x') = [8(x-x') dx $e_{\lambda} \left(\frac{dx}{dx}\right)^{2}$

MEMNING: $\vec{A}\vec{A} = \vec{a} - \vec{A} - \vec{A} = \vec{A} - \vec{A} - \vec{A} = \vec{A} - \vec{$

 $\frac{1}{9^{x}} \frac{1}{9^{x}} \frac{1}$

What is 8 function?

$$\int_{0}^{\infty} g(x) = 0 \quad \text{for} \quad x \neq 0$$

$$\int_{0}^{\infty} dx \, g(x-x_{0}) = 1$$

of "what happens e 8(0) is not relevant.

By comparison:

Z 11><11 = 1

8(x-x0) is like 8x1x><x01

11><11+12><21+ ...

8x1x><xol

f(x) as a vector in "Nistagram basis" $f = f(x_1) |x_1\rangle + f(x_2) |x_2\rangle + \cdots$

[3) 1:×xy1; 23 = ← xb (x) 7 (x-x) 8 }

Q is this like a determinant?

1 60(x) = 800

= en(x) = 8(x-y)

ND: DETERMINANTS ARE SPECIFIC.

93× -> 938 2

BACOBIAN IS A DET.

ANTIBYOMETRY IS IMPORTANT.
HAS TO DO WI TAKING N-DIM VOUING
ELECTENT.

(comes from generalization of

unit string all frequency k (= W/c) & DIRICHLET BC @ x==,1

I note: almose units

$$\frac{dx_3}{dst} + K_5t = 0$$

s interested in RHS = (x) (dring broe)

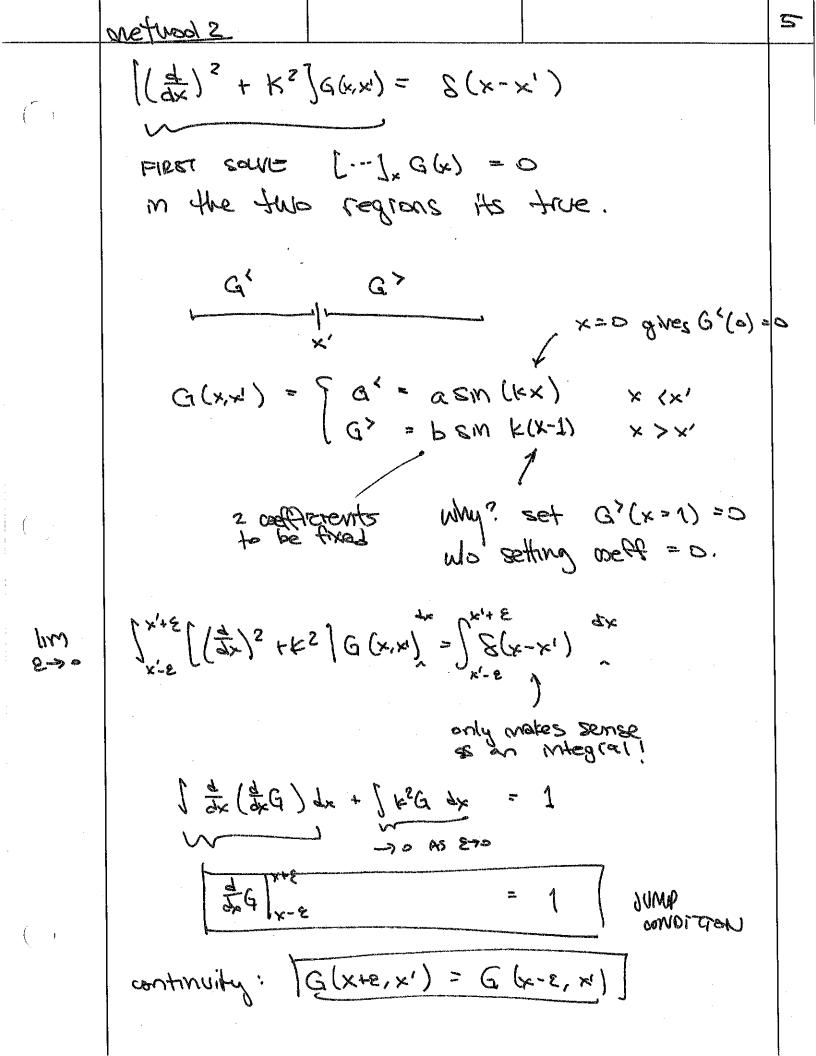
ELOENEINCIONE;

Still No SM (NEX) & UNITS DE UEN.

G(x,x1) = = + (x) +(x1)

70 = - U345 + KS

So southon to [de + fe) f = F(x)



Ka obs
$$Kx' + 1 = Kb obs k(x'-1)$$

a sin $kx' - b sin k(x'-1)$

6

$$Q = \frac{SIN + (x' - 1)}{K SIN +}$$

$$b = \frac{SIN + (x' - 1)}{K SIN +}$$