X(w) = ) x(t) = int d = X(H)====ake;kWot) r Convergencia — · Convergencia. K= organin e Periodica.) e= |xh)- \$dxe | < 8 Existe la transf. Fourier [a] = (-0,6)

para la sera ×(+) [a] = (-0,6)

si y solo 3i sa Sie it

Sie it

Sie it

-ilei XIA 2 - # Finito ma, -min on trimbo - 12 3 - # 11 discontinuidades en 6 finito. -Transf. Fourier. genie de fourier.

X(5) = (St ) = St dl- Neurskomus

Se laplace 00 5=6+jw1 -2 X(6+; w) = (X(+)) e 2+ STXAE Pout 1+ - Convergencia de LT pura X(+) - o Existra la solvior solvior la señal. solvior la integral -5° x(+) = 9 wt dt tales que la transformation de Fourier Converja ->6€(-∞,60) 1. SIXCHIEL LOS 6 -> CON. Fourier >1. 5 Kujelldt 200 - Intograbilidad absoluta

To -00 NV. Laplace x(+)= e 4(+) -s Integrabilidad absolutes Conv. Tourier para VIX X(X) E Transformata de Laplace (Biluteral)

X(5)= \ X(4) = st 1+ -> todos los vulores de Ressura - Seatallestal -> Ressy paralos  $x(t) = e^{-at}u(t)$ [ | e at i(+) - e | d + = | | e e | d+ = | e | d+ = |

$$X(f) = X(g) = \frac{1}{S+a} Re^{\int S \cdot f} - a$$

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