

By putting  $\lambda_1=0, \lambda_2=0$ ,  
 $\Rightarrow t_{11}(\phi) = \int \phi d\mu_{11}$  since  $t_{11}, t_{22}$  positive distr.  
 $t_{22}(\phi) = \int \phi d\mu_{22}$  where  $\mu_{11}, \mu_{22}$  are positive Radon  
 measures by P94, Donoghue, Theorem.

Since  $T = t_{11} dz_1 \wedge d\bar{z}_1 + t_{12} dz_1 \wedge d\bar{z}_2 + t_{21} dz_2 \wedge d\bar{z}_1 +$   
 $t_{22} dz_2 \wedge d\bar{z}_2,$

$$t_{12}(\phi) = (-1)^{2+3-1} T(\phi dz_2 \wedge d\bar{z}_1)$$

$$t_{21}(\phi) = (-1)^{2+3-1} T(\phi dz_1 \wedge d\bar{z}_2).$$

$\Rightarrow t_{12}$  &  $t_{21}$  are distributions of order zero. for

$$\begin{aligned} & T(\phi (dz_1 + dz_2) \wedge (d\bar{z}_1 + d\bar{z}_2)) \\ &= T(\phi dz_1 \wedge d\bar{z}_1) + T(\phi dz_1 \wedge d\bar{z}_2) + T(\phi dz_2 \wedge d\bar{z}_1) \\ &+ T(\phi dz_2 \wedge d\bar{z}_2) \end{aligned} \quad \textcircled{1}$$

$$\begin{aligned} & T(\phi (dz_1 + i dz_2) \wedge (d\bar{z}_1 - i d\bar{z}_2)) \\ &= T(\phi dz_1 \wedge d\bar{z}_1) + iT(\phi dz_2 \wedge d\bar{z}_1) - iT(\phi dz_1 \wedge d\bar{z}_2) \\ &+ T(\phi dz_2 \wedge d\bar{z}_2) \end{aligned} \quad \textcircled{2}$$

$\Rightarrow i\textcircled{1} + \textcircled{2} = 2iT(\phi dz_2 \wedge d\bar{z}_1) = \text{sum of Radon mea-}$   
 sures  $\Rightarrow T(\phi dz_2 \wedge d\bar{z}_1)$  is a Radon measure  
 and  $T(\phi dz_2 \wedge d\bar{z}_1) = t_{12}(\phi)$  is a distribution of or-  
 der 0. Similarly, we have  $t_{21}(\phi)$  of distribution  
 of zero order.

$$\Rightarrow t_{12}(\phi) = \int \phi d\mu_{12}, \text{ \& } t_{21}(\phi) = \int \phi d\mu_{21}$$

$$\Rightarrow \text{Since } \overline{t_{12}} = t_{21}, \quad \overline{t_{12}(\phi)} = \overline{t_{12}(\overline{\phi})} =$$