ANA 13/13 7:) DEC...offen J: D -> C...holomorph D:= { = : 2 CD3 } J* D > C 2 H> J (2) 22: 1 ist holomorph D. offen => VxED JEDO VE(x) & D => VyED JEDO VE(y) & D => D...offen f. holomorph => dx = dm(f) A drelf) = - dm(f) $\Rightarrow \frac{\partial \text{Re}(f)}{\partial x} = \frac{\partial -\text{Im}(f^*)}{\partial -\text{y}} \wedge \frac{\partial \text{Re}(f^*)}{\partial -\text{y}} = -\frac{\partial -\text{Im}(f^*)}{\partial x}$ $= \frac{\partial Re(J^{*})}{\partial x} = \frac{\partial Im(J^{*})}{\partial y} = \frac{\partial Im(J^{*})}{\partial x}$ =) for ist holoncorph