

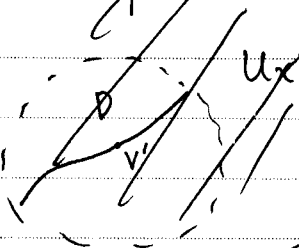
\Rightarrow If $D = \sum a_i D_i$, D_i irreducible hypersurface,
 then $f_*(D) = \sum a_i \overline{f(D_i - V)}$. We have to check that
 $\overline{f(D_i - V)}$ is analytic. See P791 Note

According to P784 note,

$f: M - V' \rightarrow N$ is one to one and holomorphic
 where V' is a subvariety of M of $\text{codim} \geq 2$.

$\Rightarrow D - V'$ is a subvariety of $M - V'$

\Rightarrow Since f is locally biholomorphic, for each $x \in D - V'$,
 \exists an open set $U_x \subset M - V'$ s.t. $U_x \cong \Delta$ poly disc



As in the note on P784, we have

$$\begin{array}{ccc} M - V & \xrightarrow{f} & N \xrightarrow{g} M - V & g \circ f = \text{id} \\ N - W & \xrightarrow{g} & M \xrightarrow{f} N - W & f \circ g = \text{id} \end{array}$$

\Rightarrow Since $\dim M = \dim N$, and f is one to one and holomorphic on $M - V$, $M - V \xrightarrow{f} f(M - V)$ is biholomorphic.

$\Rightarrow f(M - V) \cap W$ is of codimension ≥ 2 , since $\text{cod } W \geq 2$,
 and $f(M - V)$ is open, dense in N .