



VETTORE he R<sup>M</sup> TANGENTE ALLA VARIETÀ V SITZ<sup>N</sup>  
VEL POUTO 
$$\propto \in V$$
.  
DEF  
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 $h \in NR^{n}$  The A V in  $g \in V \in \mathbb{R}^{n}$   
 $\exists \varphi: [:S,S] \longrightarrow NR^{n}$  even semure/pretra + REGULARE<sup>2</sup>  
 $t_{c.}$   
 $i \quad Sure \varphi \leq V$   
 $i \quad g(0) = \infty$   
 $f = \varphi^{1}(0) = (\varphi^{1}, (0), \varphi^{1}_{2}(0) - , \varphi^{n}_{n}(0)) \neq 0$   
 $i \quad Stenien (?)$  Tancente A V in  $\alpha \in V$ :  
 $T(\alpha) \stackrel{\text{Ref}}{=} \{h \in IR^{n}; h T \in A \vee in \neq \{U\}\}$   
 $i \quad Stenia Tima
 $T(\alpha) \stackrel{\text{Ref}}{=} \{h \in IR^{n}; h T \in A \vee in \neq \{U\}\}$$