The Devivative of the Gauss Map





To begin: let we Tps s.t. w= z'l) with alt e S and a (o) < p Consider Noalt) N 5 Nplw) (N 0 x)(Ð S² S identify TpS with Trufo) S² Then, by defn, $dN_p(\bar{w}) = \bar{w}$