



$$\underline{P_0 = [P_{0x}, P_{0y}, P_{0z}]}$$

$$\underline{\vec{n}_0 = [n_{0x}, n_{0y}, n_{0z}]}$$

$$\underline{\vec{b}_0 = [b_{0x}, b_{0y}, b_{0z}]}$$

$$\underline{V_0 = P_0 + d(\vec{n}_0 - \vec{b}_0)}$$

$$\underline{V_1 = P_0 + d(\vec{n}_0 + \vec{b}_0)}$$

$$\underline{V_2 = P_0 + d(-\vec{n}_0 + \vec{b}_0)}$$

$$\underline{V_3 = P_0 + d(-\vec{n}_0 - \vec{b}_0)}$$

Note that \vec{b}_0 and \vec{n}_0 are on the same plane as V_0, V_1, V_2, V_3