

**Theorem (CircumCircle).** *If  $\sum_i p_i = 0$ ,  $\sum_i q_i \wedge p_i = 0$  and  $\sum_i q_i \cdot p_i = 0$ , then  $C_t$  and  $C_n$  are the end points of a diameter of the circumcircle for the triangle  $q_1 q_2 q_3$ .*