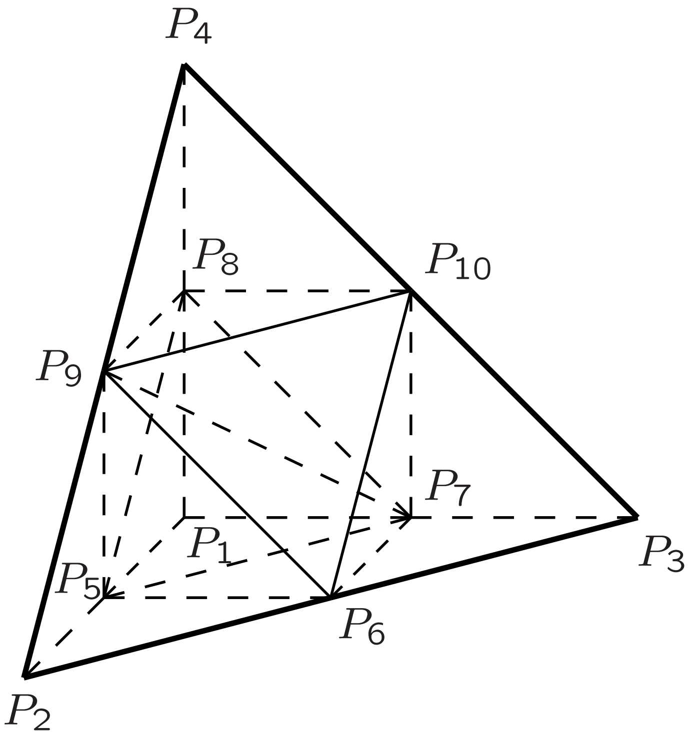
Netzverfeinerung bei Tetraedernetzen

Reguläre Verfeinerung eines Tetraeders



Tetraeder $T_0 = \Delta P_1 P_2 P_3 P_4$ mit den Eckknoten P_1, P_2, P_3, P_4

Teiltetraeder

$T_1 = \Delta P_1 P_5 P_7 P_8$ $\quad$ $T_2 = \Delta P_5 P_2 P_6 P_9$

$T_3 = \Delta P_7 P_6 P_3 P_{10}$ $\quad$ $T_4 = \Delta P_8 P_9 P_{10} P_4$

$T_5 = \Delta P_5 P_7 P_8 P_9$ $\quad$ $T_6 = \Delta P_5 P_7 P_6 P_9$

$T_7 = \Delta P_7 P_6 P_9 P_{10}$ $\quad$ $T_8 = \Delta P_7 P_8 P_9 P_{10}$