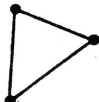
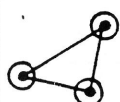
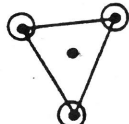
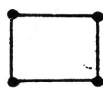
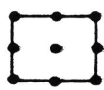
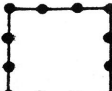
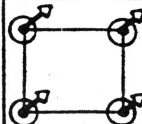


$\ v - \Pi_T v\ _{m,T}$	$O(h_T^{2-m})$ $0 \leq m \leq 2$ ($k = 1$)	$O(h_T^{3-m})$ $0 \leq m \leq 3$ ($k = 2$)		$O(h_T^{4-m})$ $0 \leq m \leq 4$ ($k = 3$)		
Regularity of the function v	$H^2(T)$	$H^3(T)$		$H^4(T)$		
Upper bound on the dimension n , to insure that $H^{k+1}(T) \subset \mathcal{C}^s(T)$	$n \leq 3$ ($s = 0$)	$n \leq 5$ ($s = 0$)	$n \leq 3$ ($s = 1$)	$n \leq 7$ ($s = 0$)	$n \leq 5$ ($s = 1$)	$n \leq 3$ ($s = 2$)
Simplicial finite elements		 				
		 		 		
Rectangular finite elements						

Příklady odhadu interpolační chyby $\|v - \Pi_T v\|_{m,T}$ pro afinně ekvivalentní konečné prvky (T, P_T, Σ_T) splňující $\frac{h_T}{\rho_T} \leq \sigma$ (σ nezávislá na T). Požadavek funkce v nemá předpokládanou "optimální" regularitu, platí důvěrně tomu slabší odhady za předpokladu, že P_T -interpolace je definována.