


















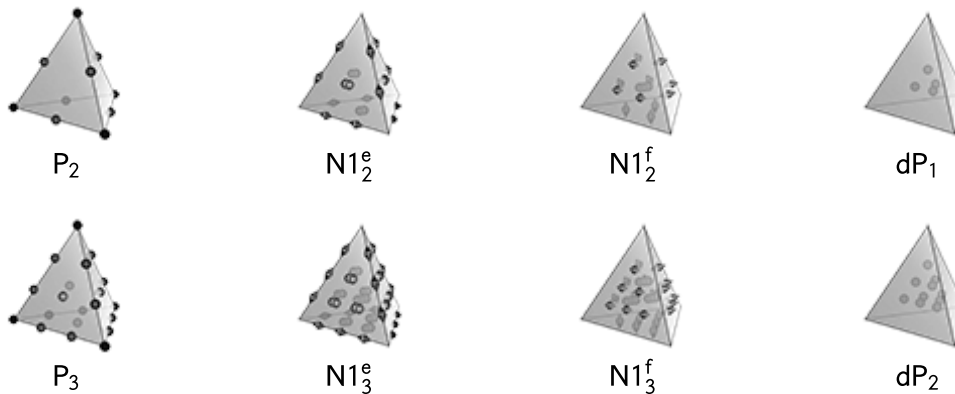


Periodic Table of the Finite Elements









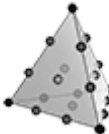



The $\mathcal{P}_r^- \Lambda^k$ family

	$k=0$	$k=1$	$k=2$	$k=3$
$n=1$	 P_1	 dP_0		
	 P_2	 dP_1		
	 P_3	 dP_2		
$n=2$	 P_1	 RT_1	 dP_0	
	 P_2	 RT_2	 dP_1	
	 P_3	 RT_3	 dP_2	
$n=3$	 P_1	 $N1_1^e$	 $N1_1^f$	 dP_0













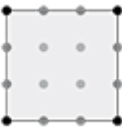




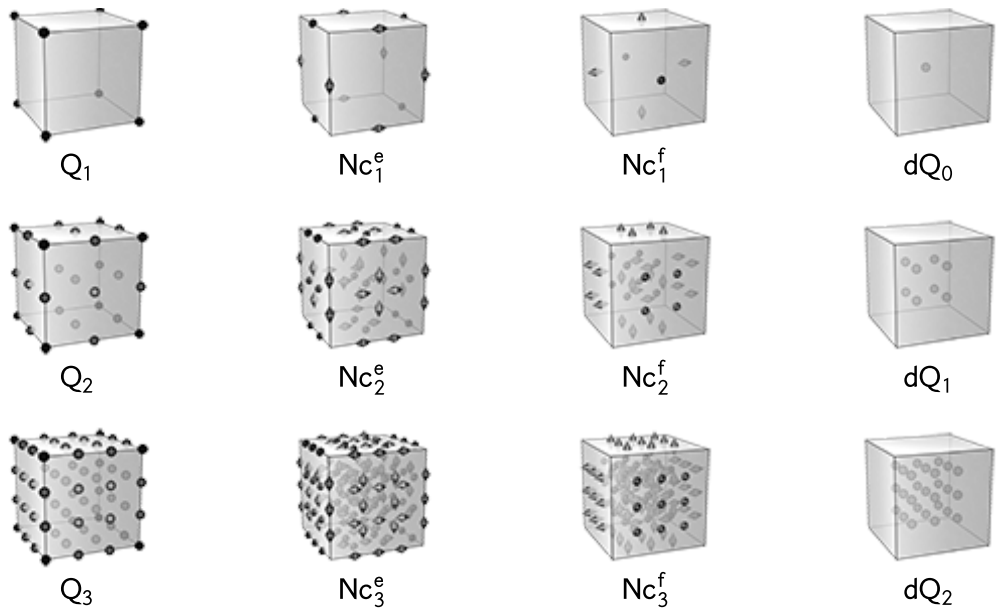
The $\mathcal{P}_r\Lambda^k$ family

	$k = 0$	$k = 1$	$k = 2$	$k = 3$
$n = 1$	 P_1	 dP_1		
	 P_2	 dP_2		
	 P_3	 dP_3		
$n = 2$	 P_1	 BDM_1	 dP_1	
	 P_2	 BDM_2	 dP_2	
	 P_3	 BDM_3	 dP_3	
$n = 3$				

			
P ₁	N2 ₁ ^e	N2 ₁ ^f	dP ₁
			
P ₂	N2 ₂ ^e	N2 ₂ ^f	dP ₂
			
P ₃	N2 ₃ ^e	N2 ₃ ^f	dP ₃

The $Q_r^- \Lambda^k$ family

	$k = 0$	$k = 1$	$k = 2$	$k = 3$
$n = 1$				
	Q ₁	dQ ₀		
				
	Q ₂	dQ ₁		
				
	Q ₃	dQ ₂		
$n = 2$				
	Q ₁	RTc ₁	dQ ₀	
				
	Q ₂	RTc ₂	dQ ₁	
				
	Q ₃	RTc ₃	dQ ₂	
$n = 3$				



The $S_r \Lambda^k$ family

	$k = 0$	$k = 1$	$k = 2$	$k = 3$
$n = 1$	 S_1	 dPc_1		
	 S_2	 dPc_2		
	 S_3	 dPc_3		
$n = 2$	 S_1	 $BDMc_1$	 dPc_1	
	 S_2	 $BDMc_2$	 dPc_2	
	 S_3	 $BDMc_3$	 dPc_3	

S_3

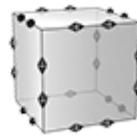
$D_{2h} \times C_3$

UFC_3

$n = 3$



S_1



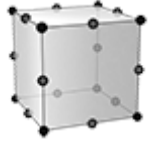
AA_1^e



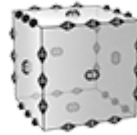
AA_1^f



dPc_1



S_2



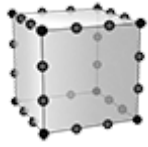
AA_2^e



AA_2^f



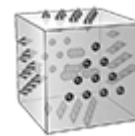
dPc_2



S_3



AA_3^e



AA_3^f



dPc_3