K-type Open-shell Energy Coefficients for Average of States ($J_{\lambda\lambda 0} = 0$)

Configuration	$K_{\lambda\lambda 0}$	$K_{\lambda\lambda 2}$	$K_{\lambda\lambda 4}$	$K_{\lambda\lambda 6}$
		$\lambda = 0$		
s^1	-1			
s^2	0			
		$\lambda = 1$		
p^1	$-\frac{5}{3}$	$\frac{2}{15}$		
p^2	$-\frac{2}{3}$	$\frac{4}{75}$		
p^3	$-\frac{1}{3}$	$\frac{2}{75}$		
p^4	$-\frac{1}{6}$	$\frac{1}{75}$		
p^5	$-\frac{1}{15}$	$\frac{2}{375}$		
p^6	0	0		
		$\lambda = 2$		
d^1	$-\frac{9}{5}$	$\frac{2}{35}$	$\frac{2}{35}$	
d^2	$-\frac{4}{5}$	$\frac{8}{315}$	$\frac{8}{315}$	
d^3	$-\frac{7}{15}$	$\frac{2}{135}$	$\frac{2}{135}$	
d^4	$-\frac{3}{10}$	$\frac{1}{105}$	$\frac{1}{105}$	
d^5	$-\frac{1}{5}$	$\frac{2}{315}$	$\frac{2}{315}$	
d^6	$-\frac{2}{15}$	$\frac{4}{945}$	$\frac{4}{945}$	
d^7	$-\frac{3}{35}$	$\frac{2}{735}$	$\frac{2}{735}$	
d^8	$-\frac{1}{20}$	$\frac{1}{630}$	$\frac{1}{630}$	
d^9	$-\frac{1}{45}$	$\frac{2}{2835}$	$\frac{2}{2835}$	
d^{10}	0	0	0	
		$\lambda = 3$		
f^1	$-\frac{13}{7}$	$\frac{4}{105}$	$\frac{2}{77}$	$\frac{100}{3003}$
f^2	$-\frac{6}{7}$	$\frac{8}{455}$	$\frac{12}{1001}$	$\frac{200}{13013}$
f^3	$-\frac{11}{21}$	$\frac{44}{4095}$	$\frac{2}{273}$	$\frac{100}{10647}$
f^4	$-\frac{5}{14}$	$\frac{2}{273}$	$\frac{5}{1001}$	$\frac{250}{39039}$
f^5	$-\frac{9}{35}$	$\frac{12}{2275}$	$\frac{18}{5005}$	$\frac{60}{13013}$
f^6	$-\frac{4}{21}$	$\frac{16}{4095}$	$\frac{8}{3003}$	$\frac{400}{117117}$
f^7	$-\frac{1}{7}$	$\frac{4}{1365}$	$\frac{2}{1001}$	$\frac{100}{39039}$
f^8	$-\frac{3}{28}$	$\frac{1}{455}$	$\frac{3}{2002}$	$\frac{25}{13013}$
f^9	$-\frac{5}{63}$	$\frac{4}{2457}$	$\frac{10}{9009}$	$\frac{500}{351351}$
f^{10}	$-\frac{2}{35}$	$\frac{8}{6825}$	$\frac{4}{5005}$	$\frac{40}{39039}$
f^{11}	$-\frac{3}{77}$	$\frac{4}{5005}$	$\frac{6}{11011}$	$\frac{100}{143143}$
f^{12}	$-\frac{1}{42}$	$\frac{2}{4095}$	$\frac{1}{3003}$	$\frac{50}{117117}$
f^{13}	$-\frac{1}{91}$	$\frac{4}{17745}$	$\frac{2}{13013}$	$\frac{100}{507507}$
f^{14}	0	0	0	0