

Coefficients of Orthogonal Polynomials

Polynomial	X=1	2	3	4	5	6	7	8	9	10
Linear	-1	0	1							
Quadratic	1	-2	1							
Linear	-3	-1	1	3						
Quadratic	1	-1	-1	1						
Cubic	-1	3	-3	1						
Linear	-2	-1	0	1	2					
Quadratic	2	-1	-2	-1	2					
Cubic	-1	2	0	-2	1					
Quartic	1	-4	6	-4	1					
Linear	-5	-3	-1	1	3	5				
Quadratic	5	-1	-4	-4	-1	5				
Cubic	-5	7	4	-4	-7	5				
Quartic	1	-3	2	2	-3	1				
Linear	-3	-2	-1	0	1	2	3			
Quadratic	5	0	-3	-4	-3	0	5			
Cubic	-1	1	1	0	-1	-1	1			
Quartic	3	-7	1	6	1	-7	3			
Linear	-7	-5	-3	-1	1	3	5	7		
Quadratic	7	1	-3	-5	-5	-3	1	7		
Cubic	-7	5	7	3	-3	-7	-5	7		
Quartic	7	-13	-3	9	9	-3	-13	7		
Quintic	-7	23	-17	-15	15	17	-23	7		
Linear	-4	-3	-2	-1	0	1	2	3	4	
Quadratic	28	7	-8	-17	-20	-17	-8	7	28	
Cubic	-14	7	13	9	0	-9	-13	-7	14	
Quartic	14	-21	-11	9	18	9	-11	-21	14	
Quintic	-4	11	-4	-9	0	9	4	-11	4	