CONSTANTES PARA LAS FORMULAS CERRADAS DE NEWTON COTES

N	α	$W_i, i = 0,1,2,3,\ldots,N$											
1	½	1	1										
2	1/3	1	4	1									
3	3/8	1	3	3	1								
4	2/45	7	32	12	32	7							
5	5/288	19	75	50	50	75	19						
6	1/140	41	216	27	272	27	216	41					
7	7/17280	751	3577	1323	2989	2989	1323	3577	751				
8	4/14175	989	5888	-928	10946	-4540	10946	-928	5888	989			
9	9/89600	2857	15741	1080	19344	5788	5788	19344	1080	15741	2857		
10	5/299376	16067	106300	-48525	272400	-260550	427368	-260550	272400	-48525	106300	16067	

CONSTANTES PARA LAS FORMULA ABIERTAS DE NEWTON COTES

N	α	$W_i, i = 0,1,2,\ldots,N+2$								
1	3/2	0	1	1	0					
2	4/3	0	2	-1	2	0				
3	5/24	0	11	1	1	11	0			
4	3/10	0	11	-14	26	-14	11	0		
5	7/1440	0	611	-453	562	562	-453	611	0	
6	8/945	0	460	-954	2196	-2459	2196	-954	460	0