

*****COMPLETE GRAPH-11*****

Edges of COMPLETE GRAPH-11:

(1, 5) (2, 5) (11, 2) (1, 3) (9, 10) (11, 6) (1, 2)
 (1, 4) (11, 3) (11, 9) (11, 4) (1, 9) (1, 10) (11, 7)
 (6, 7) (6, 9) (4, 10) (5, 8) (11, 8) (2, 3) (4, 9)
 (2, 8) (2, 10) (2, 9) (3, 4) (8, 9) (3, 10) (5, 7)
 (11, 5) (11, 10) (5, 6) (1, 7) (6, 8) (4, 5) (3, 7)
 (4, 8) (4, 7) (1, 6) (2, 6) (3, 6) (5, 10) (11, 1)
 (7, 10) (6, 10) (7, 9) (4, 6) (7, 8) (1, 8) (3, 8)
 (3, 9) (5, 9) (3, 5) (2, 7) (8, 10) (2, 4)

VERTICES = 11 EDGES = 55

The Tutte polynomial is represented below. The entry in position (I,J) is the coefficient of $x^J y^I$. Entries in row I represent coefficients of $x^J y^I$ with values of J starting at zero. Notice from I = 0 to I = 3, some of the coefficients wrap around.

T(G;x,y):

I = 0	362880	1026576	1172700	723680	269325	63273
	9450	870	45	1		
I = 1	362880	3101472	5703588	4606800	1988085	491568
	5280	165				69762
I = 2	2437776	11303028	14673516	8512350	2550240	406560
	990					32340
I = 3	8183340	25677080	24599190	10524360	2267650	251790
	330					13860
I = 4	18685260	43147665	31620435	10338405	1680525	136290
						4620
I = 5	33184305	59197908	34300497	8898120	1143450	72072
						1848
I = 6	49468188	70614621	33356631	7106715	747285	36498
						462
I = 7	64979607	76352166	30186717	5407050	466290	16170
I = 8	77709060	76929930	25990470	3973860	282150	6930
I = 9	86542170	73582630	21582110	2836680	161700	2310
I = 10	91201836	67648856	17401846	1956570	85470	462
I = 11	91998906	60253446	13653948	1298220	41580	
I = 12	89562606	52239033	10426416	825825	18480	
I = 13	84637245	44199540	7738500	500115	6930	
I = 14	77954415	36534465	5569740	285780	1980	
I = 15	70167372	29505168	3879150	153120	330	

I =	16	61829328	23274372	2609310	76230
I =	17	53392680	17923950	1690920	34650
I =	18	45213300	13466860	1051820	13860
I =	19	37555980	9862160	625240	4620
I =	20	30601956	7031871	353430	1155
I =	21	24458511	4875354	188760	165
I =	22	19169655	3281685	94380	
I =	23	14727780	2140380	43560	
I =	24	11086020	1349370	18150	
I =	25	8170470	819852	6600	
I =	26	5891292	478368	1980	
I =	27	4152060	266860	440	
I =	28	2857140	141515	55	
I =	29	1917135	70785		
I =	30	1252449	33033		
I =	31	795168	14157		
I =	32	489555	5445		
I =	33	291510	1815		
I =	34	167355	495		
I =	35	92268	99		
I =	36	48609	11		
I =	37	24310			
I =	38	11440			
I =	39	5005			
I =	40	2002			
I =	41	715			
I =	42	220			
I =	43	55			
I =	44	10			
I =	45	1			