

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

Edges of COMPLETE GRAPH-11:

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

VERTICES = 11 EDGES = 55

Chromatic polynomial of COMPLETE GRAPH-11:

P(G, x) =
 1 x*(x-1)^ 10
 -45 x*(x-1)^ 9
 870 x*(x-1)^ 8
 -9450 x*(x-1)^ 7
 63273 x*(x-1)^ 6
 -269325 x*(x-1)^ 5
 723680 x*(x-1)^ 4
 -1172700 x*(x-1)^ 3
 1026576 x*(x-1)^ 2
 -362880 x*(x-1)^ 1