(2) Navier Solution SS1 Condition since A16=A26=B16=B26=D16=D26=0

Find w at center of plate => (x, y) = (a/2, b/2)

W convergence series

size: 1   precision: 0   w: 1.0000000000
size: 2   precision: 0   w: 0.0279348928
size: 3   precision: 5   w: 0.0279348928
size: 4   precision: 3   w: 0.0274652377
size: 5   precision: 5   w: 0.0274652377
size: 6   precision: 4   w: 0.0274967142
size: 7   precision: 5   w: 0.0274967142
size: 8   precision: 5   w: 0.0274905793
size: 9   precision: 5   w: 0.0274905793
size: 10 precision: 5   w: 0.0274922814
size: 11 precision: 17   w: 0.0274922814
size: 12 precision: 6   w: 0.0274916469
size: 13 precision: 17   w: 0.0274916469
size: 14 precision: 6   w: 0.0274919190
size: 15 precision: 5   w: 0.0274919190
size: 16 precision: 6   w: 0.0274917848
size: 17 precision: 5   w: 0.0274917848
size: 18 precision: 7   w: 0.0274918561
size: 19 precision: 17   w: 0.0274918561
size: 20 precision: 7   w: 0.0274918150
size: 21 precision: 5   w: 0.0274918150
size: 22 precision: 7   w: 0.0274918398
size: 23 precision: 17   w: 0.0274918398
size: 24 precision: 7   w: 0.0274918240
size: 25 precision: 17   w: 0.0274918240
size: 26 precision: 7   w: 0.0274918344
size: 27 precision: 17   w: 0.0274918344
size: 28 precision: 8   w: 0.0274918273
size: 29 precision: 5   w: 0.0274918273

Convergence to 5 decimal places occurs around m,n size of 7 => w = .02749