Data points:

```
I =    1  X =     10  Y =     .62638316097420828423597679928388976
I =    2  X =     20  Y =     .60200738358969091804854549276584702
I =    3  X =     30  Y =     .59378974925823569508853697251748740
I =    4  X =     40  Y =     .58966358482243968366419503203490105
I =    5  X =     50  Y =     .58718233290127899894172100505421724
I =    6  X =     60  Y =     .58552585072963713235837799885946496
I =    7  X =     70  Y =     .58434151558871279920400578854742492
I =    8  X =     80  Y =     .58345264427163491290177171110167270
I =    9  X =     90  Y =     .58276093251825048732390802185187870
I =   10  X =    100  Y =     .58220733165152889276913476628952474
I =   11  X =    110  Y =     .58175423245156135643043948042938751
I =   12  X =    120  Y =     .58137654457134891857445400491545797
I =   13  X =    130  Y =     .58105688781039377306286856680210928
I =   14  X =    140  Y =     .58078284179397298333898817659391836
I =   15  X =    150  Y =     .58054529454762304722324312710705782
I =   16  X =    160  Y =     .58033740970591494830859452165309709
I =   17  X =    170  Y =     .58015395787575474814995931932113883
I =   18  X =    180  Y =     .57999087067078793877707292588779860
I =   19  X =    190  Y =     .57984493545271025341293962967080493
I =   20  X =    200  Y =     .57971358157340779860417136630395665
I =   21  X =    210  Y =     .57959472764202331641062278419022470
I =   22  X =    220  Y =     .57948667041473206063257770279029920
I =   23  X =    230  Y =     .57938800264868210785306859236647117
I =   24  X =    240  Y =     .57929755147811864874106404716814546
I =   25  X =    250  Y =     .57921433157033284435281689483741141
I =   26  X =    260  Y =     .57913750908481599611011183880214993
I =   27  X =    270  Y =     .57906637363652569685736713002306803
I =   28  X =    280  Y =     .57900031626343284195952801789832920
I =   29  X =    290  Y =     .57893881194987714708043730268915180
I =   30  X =    300  Y =     .57888140564330240248825739475603516
I =   31  X =    310  Y =     .57882770097596971247100524539511829
I =   32  X =    320  Y =     .57877735110024425217449735757975710
I =   33  X =    330  Y =     .57873005118934910611479251458059446
I =   34  X =    340  Y =     .57868553226086464285834511112966792
I =   35  X =    350  Y =     .57864355605855076765233417841451996
I =   36  X =    360  Y =     .57860391078680266648561408840951570
I =   37  X =    370  Y =     .57856640753650392077763436003408742
I =   38  X =    380  Y =     .57853087727497037127820049145881437
I =   39  X =    390  Y =     .57849716829878108553395756020930041
I =   40  X =    400  Y =     .57846514406852504713770644387067771
```

Fitted coefficients:

```
J =   1 C(J) =          .57721566490153286060651209008240243104215933593992
J =   2 C(J) =          .50000000000000000000000000000000000000000000000000
J =   3 C(J) =         -.08333333333333333333333333333333333333333333333333
J =   4 C(J) =          .00000000000000000000000000000000000000000000000000
J =   5 C(J) =          .00833333333333333333333333333333333333333333333333
J =   6 C(J) =          .00000000000000000000000000000000000000000000000007
J =   7 C(J) =         -.00396825396825396825396825396825396825396825404311
J =   8 C(J) =          .00000000000000000000000000000000000000000006753117
J =   9 C(J) =          .00416666666666666666666666666666666666661549222545
J =  10 C(J) =          .00000000000000000000000000000000000033049429862 56
J =  11 C(J) =         -.00757575757575757575757575757575759415040780501642
```

```
J =  12 C(J) =          .0000000000000000000000000000000008897138569335748 26
J =  13 C(J) =          .0210927960927960927960927960890298372782900809219 6
J =  14 C(J) =          .0000000000000000000000000001402630218699967976841 66
J =  15 C(J) =         -.0833333333333333333333333794827413554165360506156 10
J =  16 C(J) =          .0000000000000000000000134580004997470397160610757 46
J =  17 C(J) =          .4432598039215686274161116048907088349178972287041 8
J =  18 C(J) =          .0000000000000000080404102320906538538733929479304 1
J =  19 C(J) =        -3.0539543302701213956569633597039997657147007577975 0
J =  20 C(J) =          .0000000000000302501281275486458235724048484549718 23
J =  21 C(J) =        26.4562121211627456172881558162706287164524989837314 8
J =  22 C(J) =          .0000000071788287620392982182860682182762912951604 1
J =  23 C(J) =      -281.4601458561500284489713119722737319855309626581043 2
J =  24 C(J) =          .0001066813203902554314700111620321976789948044081 5
J =  25 C(J) =      3607.4996877906036547683136581500712490323513147720341 6
J =  26 C(J) =          .9762374220712170089085068433547469381882601307392 9
J =  27 C(J) =    -54904.8085848154889154285291407043117651659780215627654 0
J =  28 C(J) =      5349.6304038491122097223559099804836416482283813947883 5
J =  29 C(J) =    652291.5414280663061861105474249114516888114415854337290 3
J =  30 C(J) =  16822059.7799031053528906797474915040445522556747528132315 2
J =  31 C(J) =   -.7716752886736976165961855078768298604713111652612729 1M+9
J =  32 C(J) =   .2847095518692150213107375814851765202027262776692393 2M+11
J =  33 C(J) =  -.9015310856824057842159319455522285407298568211620862 8M+12
J =  34 C(J) =   .2349097794816759094843746534815740264993438343760895 4M+14
J =  35 C(J) =  -.4916046443215031633901596174021793914746186386792685 0M+15
J =  36 C(J) =   .8014006476643801327089002650130472626272548844919239 4M+16
J =  37 C(J) =  -.9733022526488943776738092924288207367902121305597666 1M+17
J =  38 C(J) =   .8213411770959402331971994516505576480269209468734486 1M+18
J =  39 C(J) =  -.4249976932759773987473558390064724070993958014822917 3M+19
J =  40 C(J) =   .1000826235180641388777963218027790721375279890188522 6M+20
```