Console

Iteration-->	1	2	3	4	5
b1	0.200000000	0.314942702	0.626509853	0.621409211	0.619331950
b2	0.290000000	0.981816210	0.976950572	1.001973216	1.000804378
b3	-0.842000000	0.154877481	-0.063849820	-0.000271430	0.000002184
b4	-0.285900000	0.779200748	-0.121907030	-0.008009738	-0.002902166
c1	1.400000000	1.629885403	2.253019706	2.242818421	2.238663899
c2	1.020000000	2.692706729	3.599435446	3.632914259	3.623844719
c3	-0.948000000	2.991007986	3.442854420	3.634823748	3.624845440
c4	-2.392500000	3.548106292	1.727051957	2.232321421	2.235472395
c	-2.106600000	2.768905543	1.848958988	2.240331159	2.238374561
dp	-0.114942702	-0.311567151	0.005100642	0.002077261	0.000800968
dq	-0.517684603	0.609758480	-0.036488475	-0.003485766	-0.001295594
p	-1.314942702	-1.626509853	-1.621409211	-1.619331950	-1.618530981
q	0.432315397	1.042073876	1.005585402	1.002099635	1.000804041

Roots for Quadratic Equation Q =

$$1.000804 - 1.618531z + z^2$$

are

0.8092655 + 0.5881270i

0.8092655 - 0.5881270i