

Iteration	X	$e_i$	$e_{i+1}/e_i^2$	$e_{i+1}/e_i$
0	2.10000000000000	0.0029739745162587		
1	2.0678025694470	0.0008956461818883	101.2656123740400000	0.299731919629489
2	2.0457395265384	0.0002684537494062	334.6543821551920000	0.298682078588080
3	2.0307429387881	0.0000801823238774	1112.6016278362100000	0.297932602025231
4	2.0206098527386	0.0000238889283892	3715.6892893344000000	0.297408629490091
5	2.0137919059181	0.0000071047734522	12449.6429745346000000	0.297047747007110
6	2.0092180512705	0.0000021104569470	41809.6015312088000000	0.296801775339277
7	2.0061558900898	0.0000006263873686	#####	0.296635318327352
8	2.0041086339912	0.0000001858086165	#####	0.296523190343430
9	2.0027411905751	0.0000000550965638	#####	0.296447890111001
10	2.0018283970609	0.0000000163332601	#####	0.296398141211867
11	2.0012193487417	0.0000000048411479		

$$M = |f''(r)/(2f'(r))|$$

2.413850895

[illegible]