|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| x | y | w.x | Ok? | and | viagra | the | of | nigeria | cosine |
|  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| a | +1 | 3 | Yes |  |  |  |  |  |  |
| b | -1 | 2 | No | 1 | 1 | 1/2 | 1/2 | 1/2 | 2 |
| c | +1 | -1/2 | No | 1 | 2 | 1 | 1/2 | 1/2 | 1 |
| d | -1 | 1/2 | No | 1/2 | 2 | 1 | 1/4 | 1/2 | 2 |
| e | +1 | 0 | No | 1 | 2 | 2 | 1/4 | 1 | 1 |
| f | -1 | 9/4 | No | 1/2 | 2 | 1 | 1/8 | 1 | 2 |
| a | +1 | 13/8 | Yes |  |  |  |  |  |  |
| b | -1 | 1/8 | No | 1/2 | 2 | 1/2 | 1/16 | 1/2 | 4 |
| c | +1 | -3/2 | No | 1/2 | 4 | 1 | 1/16 | 1/2 | 2 |
| d | -1 | -23/16 | Yes |  |  |  |  |  |  |
| e | +1 | 0 | No | 1 | 4 | 2 | 1/16 | 2 | 1 |
| f | -1 | 33/16 | No | 1/2 | 4 | 1 | 1/32 | 2 | 2 |
| a | +1 | 4+17/32 | Yes |  |  |  |  |  |  |
| b | -1 | 33/32 | No | 1/2 | 4 | 1/2 | 1/64 | 1 | 4 |
| c | +1 | 1/2 | Yes |  |  |  |  |  |  |
| d | -1 | 33/64-4 | Yes |  |  |  |  |  |  |
| e | +1 | -2 | No | 1 | 4 | 1 | 1/64 | 2 | 2 |
| f | -1 | 1/64 | No | 1/2 | 4 | 1/2 | 1/128 | 2 | 4 |
| a | +1 | 2 + 65/128 | Yes |  |  |  |  |  |  |
| b | -1 | 65/128 - 2 | Yes |  |  |  |  |  |  |
| c | +1 | 1/2 | Yes |  |  |  |  |  |  |
| d | -1 | 65/128 - 4 | Yes |  |  |  |  |  |  |
| e | +1 | -1 | No | 1 | 4 | 1 | 1/128 | 4 | 2 |
| f | -1 | 1/128 | No | 1/2 | 4 | 1/2 | 1/256 | 4 | 4 |
| a | +1 |  | Yes |  |  |  |  |  |  |
| b | -1 | 129/256 | No | 1/2 | 4 | 1/4 | 1/512 | 2 | 8 |
| c | +1 | 1/4 - 4 | No | 1/2 | 8 | 1/2 | 1/512 | 2 | 4 |
| d | -1 |  | Yes |  |  |  |  |  |  |
| e | +1 |  | No | 1 | 8 | 1 | 1/512 | 4 | 2 |
| f | -1 | 1/512 | No |  |  |  |  |  |  |

After x iterations, w does not converge.