

The diagram consists of two main parts. On the left, a large horizontal oval contains three lines of source code. On the right, a vertical flow is shown with two smaller ovals connected by a downward-pointing arrow. The top oval contains the value '0.0001', and the bottom oval contains the variable name 'c1' followed by the word 'Write'.

```
source code:  
c1 = 0.0001  
return f(xk + alpha * pk) <= f(xk) + c1 * alpha * np.dot(g(xk), pk)
```

0.0001



c1
Write