

```
ClearAll["Global`*"]
```

```
f1[n_, c_] := f1[n, c] =  
  (Sum[1, {j, 1, Floor[c^2 n]}, {k, 1, Floor[c^2 n / j]}] - 2 Sum[1, {j, 1, Floor[c]},  
    {k, 1, Floor[c^2 n / j]}] + Sum[1, {j, 1, Floor[c]}, {k, 1, Floor[c]}]) / c^2
```

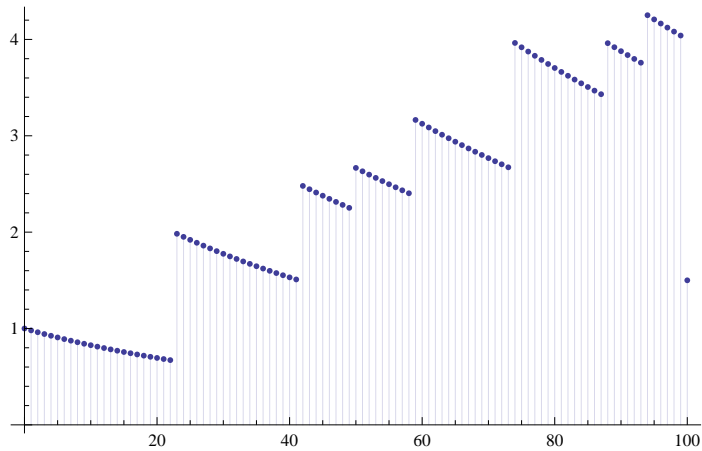
```
N[f1[4, 1]]
```

```
1.
```

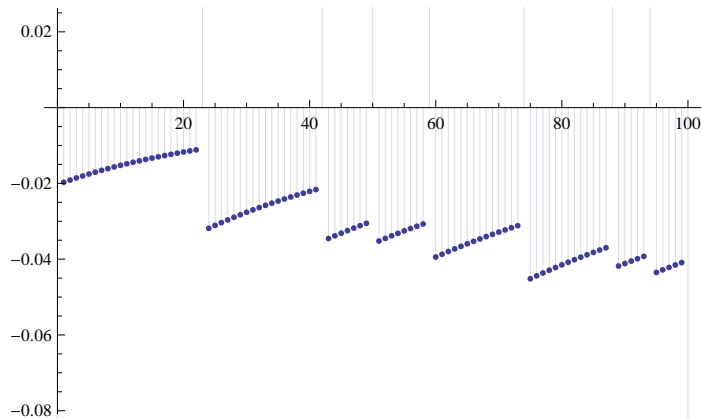
```
N[Gamma[2, 0, -Log[4]] / Gamma[2]]
```

```
2.54518 - 6.23389 × 10-16 i
```

```
DiscretePlot[f1[4, 1 + c * .01], {c, 0, 100}]
```



```
DiscretePlot[f1[4, 1 + c * .01] - f1[4, 1 + (c - 1) * .01], {c, 0, 100}]
```



```
f2[c_] := f1[100, c]
```

```
f2[1]
```

```
283
```