

$n:21599250823672665764606789398176035291;$

$e:3385022171517508376271644129795073119;$

$lst:cf(e/n);$

[0,6,2,1,1,1,2,18,7,5,10,4,1,1,210745,
2,3,1,1,1,11,4,3,1,9,2,1,55,2,1,1,3,2,1,1,1,
,7,1,3,2,1,1,3,2,25,3,1,1,5,1,1,8,1,2,1,1,4
,1,1,2,1,1,3,1,2,1,2,3,1,2,1,2,1,3,62]

$from_cf_n(L, n):=ratsimp(cfdisrep(makelist(L[i], i, 1, n)));$

$from_cf_n(L, n):=$
 $ratsimp\left(cfdisrep\left(makelist\left(L_i, i, 1, n\right)\right)\right)$

$from_cf_n(lst, 14);$

$$\frac{1312599}{8375471}$$

$k:ratnumer(\%o5);$

1312599

$d:ratdenom(\%o5);$

8375471

$C:(e \cdot d - 1)/k;$

$f(x):=x^2-(n-C+1) \cdot x+n;$

$$f(x):=x^2-(n-C+1)x+n$$

```
r:solve(f(x));  
      [x=5019873102076529923,x=  
4302748373208454217]
```

```
p:rhs(r[1]);  
      5019873102076529923
```

```
q:rhs(r[2]);  
      4302748373208454217
```

```
pn:(p-1)·(q-1);
```

```
m:53339;  
      53339
```

```
C:power_mod(m, e, n);
```

```
d:inv_mod(e, pn);  
      8375471
```

```
m:power_mod(C, d, n);  
      53339
```