```
normS =
 0.850642248690894
normv =
 1.0000000000000000
Udiff =
 1.0e-07 *
 0.038777313326173
Vdiff =
 1.0e-07 *
 0.001295217049669 \quad 0.256802216115554 \quad 0.080551900665345 \quad 0.043210319597623
0.045286493560332
Sdiff =
 1.0e-15 *
 0.777156117237609  0.666133814775094  0.888178419700125  0.444089209850063
0.777156117237609
Adiff =
 1.0e-14 *
 0.161436061044102 0.227073478172468 0.210913404631040 0.650066585752773
0.260745208713262
k =
 1.0e+10 *
 3.200185250531814  0.583303503659099  0.205373172580016  0.094824182244108
0.016157506192562
```