VÍ DỤ TEST

Phương pháp Xuống thang tìm trị riêng trội tiếp theo

TH1: Trị riêng trội đơn thực

Input:

```
4
9 0 0 0
0 7 0 0
0 0 4 0
0 0 0 1
```

Output:

```
Day la TH: 1
So lan lap la m = 50
Day vecto tinh duoc
 7.000000\ 49.000000\ 0.470508\ 0.365950\ 0.284628\ 0.221377\ 0.172182\ 0.133920\ 0.104160\ 0.081013\ 0.063010
 4.000000\ 16.000000\ 0.087791\ 0.039018\ 0.017342\ 0.007707\ 0.003425\ 0.001522\ 0.000677\ 0.000301\ 0.000134
 Gia tri rieng thu 1 la: 9.00000000000
Vector rieng tuong ung la:
 1.00000000000
 0.0000034896
 0.0000000000
 0.0000000000
Day la TH: 1
So lan lap la m = 25
Day vecto tinh duoc
 4.000000 16.000000 0.186589 0.106622 0.060927 0.034815 0.019895 0.011368 0.006496 0.003712 0.002121
 Gia tri rieng thu 2 la: 7.00000000000
Vector rieng tuong ung la:
 0.0000000000
 1.00000000000
 0.0000008396
 0.0000000000
```

TH2: Trị riêng trội đơn, thực, trái dấu

TH3: Trị riêng trội phức, liên hợp

Input:

```
4
-8 4 4 4
-7 -5 -2 -1
0 -1 -3 -2
-1 0 -1 0
```

Output:

```
Day la TH: 3
So lan lap la m = 101
Day vecto tinh duoc
 4.000000-124.000000 1.000000 -0.801074 0.182231 0.502311 -1.000000 1.000000 -0.573313
-1.000000 \ 61.000000 \ 0.349856 \ -1.000000 \ 1.000000 \ -1.000000 \ 0.217802 \ 0.582632 \ -1.000000
-0.142948 37.000000 -0.126437 -0.011163 0.115321 -0.227491 0.194624 -0.077798 -0.052659
 0.142049 2.000000 0.062500 -0.102065 0.075684 -0.045207 -0.030169 0.084518 -0.093700
Tri rieng thu 1 la: -0.536547 + 0.911780i
vector rieng tuong ung la:
-58.058041 - 1.715214i
-36.579452 - 0.245187i
-2.417901 - -0.243644i
0.160722 - 0.093704i
Tri rieng thu 2 la: -0.536547 - 0.911780i
vector rieng tuong ung la:
-58.0580414542 + 1.7152138484i
-36.5794522050 + 0.2451868001i
-2.4179012195 + -0.2436437998i
0.1607222985 + 0.0937039417i
```