Asagidaki sistemlerin kok yer egrilerini cizin sistemin kararli oldugu K degerlerini bulun

|  |  |  |
| --- | --- | --- |
| Pay | Payda | Paydanin kokleri(kutuplar) |
|  1 | s^3+6s^2+11s+6 | -3 -2 -1 |
| s+0 | s^3+6s^2+11s+6 | -3 -2 -1 |
| s^2+0s+0 | s^3+6s^2+11s+6 | -3 -2 -1 |
| s^3+0s^2+0s+0 | s^3+6s^2+11s+6 | -3 -2 -1 |
| s^3+12s^2+48s+64 | s^3+6s^2+11s+6 | -3 -2 -1 |
| s+1 | s^3+12s^2+48s+64 | -4 -4 -4 |
|  1 | s^4+10s^3+35s^2+50s+24 | -4 -3 -2 -1 |
| s^2+7s+12 | s^4+14s^3+65s^2+112s+60 | -6 -5 -2 -1 |
| s+4 | s^3+6s^2+11s+6 | -3 -2 -1 |
| s^2+8s+16 | s^4+13s^3+57s^2+95s+50 | -5 -5 -2 -1 |
|  1 | s^4+8s^3+17s^2-2s-24 | -4 -3 -2 1 |
|  1 | s^4+9s^3+47.1699s^2+91.351s+141.4214 | -4+4i -3-4i -1+2i -1-2i |
| s^2+7s+28.2843 | s^2+2s+5 | -1-2i -1+2i |
|  1 | s^4+4s^3+10s^2+12s+5 | -1-2i -1+2i -1+0i -1+0i |
|  1 | s^4+9s^3+33s^2+51s+26 | -3-2i -3+2i -2+0i -1+0i |
| s^2+5s+6 | s^3-6s^2+11s-6 | 3 2 1 |
| s^3+6s^2+11s+6 | s^3-6s^2+11s-6 | 3 2 1 |
| 1 | s^3+3s^2+9s+27 | -3 3j -3j |