```
Python 3.5.2 (v3.5.2:4def2a2901a5, Jun 25 2016, 22:18:55) [MSC v.1900 64 bit (AMD64)]
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IPython 5.3.0 -- An enhanced Interactive Python.
?          -> Introduction and overview of IPython's features.
%quickref -> Quick reference.
help       -> Python's own help system.
object?    -> Details about 'object', use 'object??' for extra details.
Bite Error Rates for Direct Sequence Spread Spectrum CDMA system
Bit error rate for one user (in the presence of no other user and  10000   transmitted bits with
inf  dB SNR) is  [ 0.]
Bit error rate for all the six present users (for  10000   transmitted bits with  10  dB SNR) is
[ 0.1751  0.1729  0.0974  0.1002  0.2357  0.1794] respectively for each user
Bit error rate for all the three users (for  10000   transmitted bits with  10  dB SNR) is  [
0.0023  0.0523  0.0549] respectively for each user
```
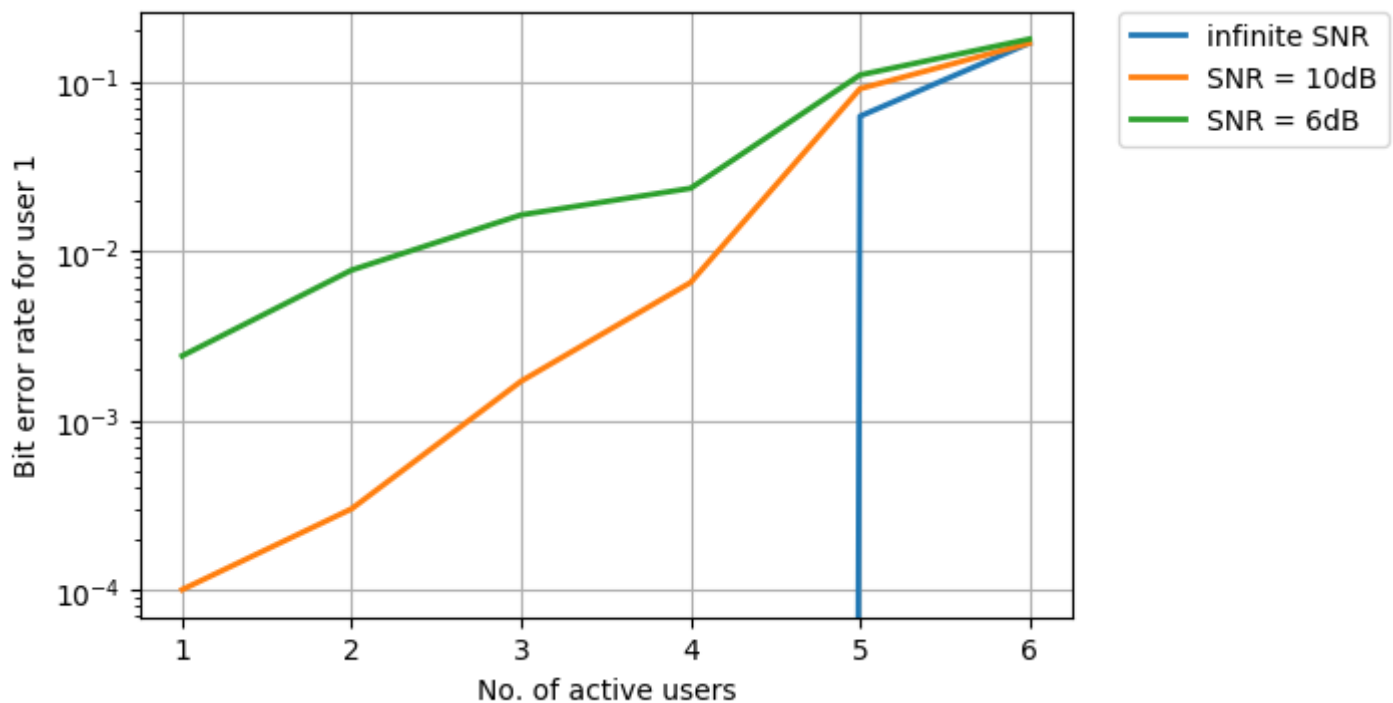


```
Bite Error Rates for Direct Sequence Spread Spectrum CDMA system
transmitted bits =  10000
For infinite SNR, the bit error rate for user 1 is  [ 0.       0.       0.       0.       0.0623
0.1686] in the presence of 0, 1, 2, 3, 4, and 5 other users respectively
For 10dB SNR, the bit error rate for user 1 is  [  1.00000000e-04   3.00000000e-04   1.70000000e-
03   6.50000000e-03
   9.06000000e-02   1.68400000e-01] in the presence of 0, 1, 2, 3, 4, and 5 other users
respectively
For 6dB SNR, the bit error rate for user 1 is  [ 0.0024  0.0077  0.0163  0.0234  0.1092  0.178 ]
in the presence of 0, 1, 2, 3, 4, and 5 other users respectively
```
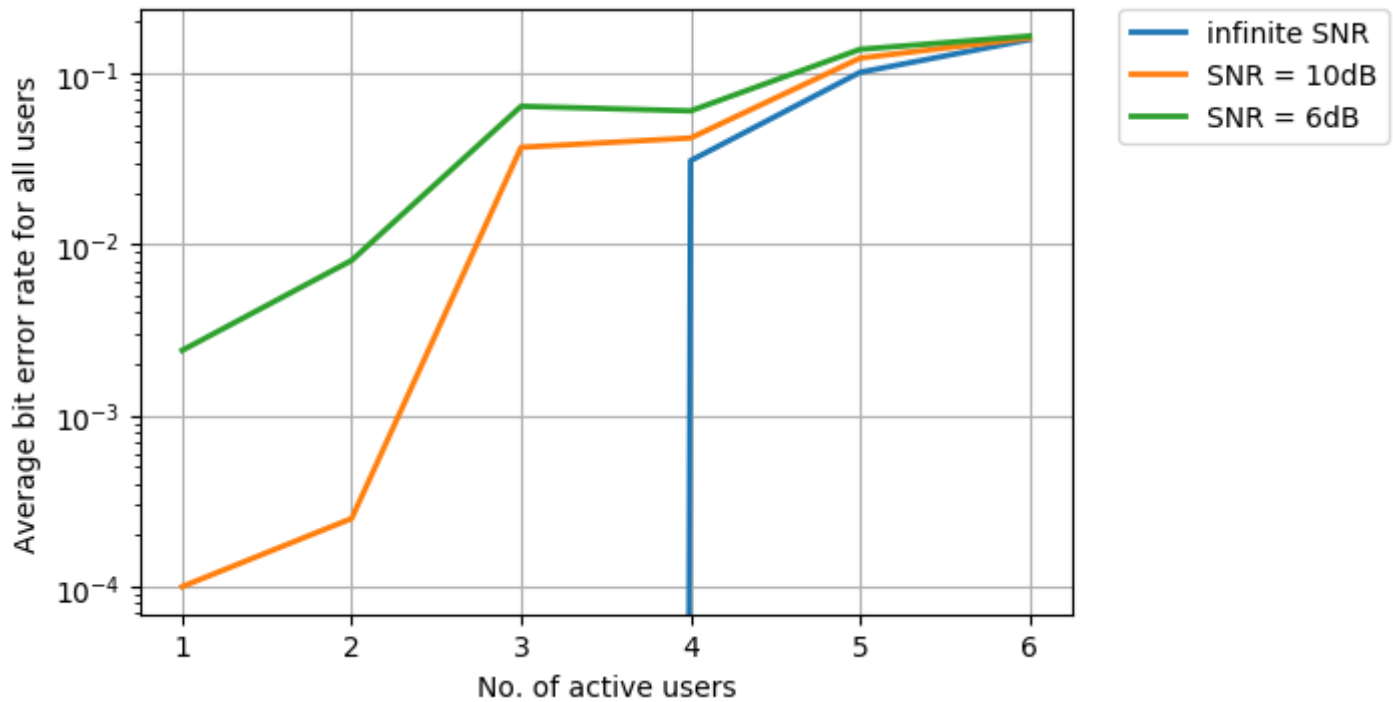
Bite Error Rates for Direct Sequence Spread Spectrum CDMA system
transmitted bits = 10000
For infinite SNR, the average bit error rate is [0.   0.   0.   0.0308
0.10108   0.15696667] in the presence of 1, 2, 3, 4, 5, and 6 users respectively
For 10dB SNR, the average bit error rate is [1.00000000e-04   2.50000000e-04   3.68666667e-02
4.17750000e-02
   1.22380000e-01   1.60500000e-01] in the presence of 1, 2, 3, 4, 5, and 6 users respectively
For 6dB SNR, the average bit error rate is [0.0024   0.00805   0.06403333 0.060175
0.13768   0.16466667] in the presence of 1, 2, 3, 4, 5, and 6 users respectively

In [2]:

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