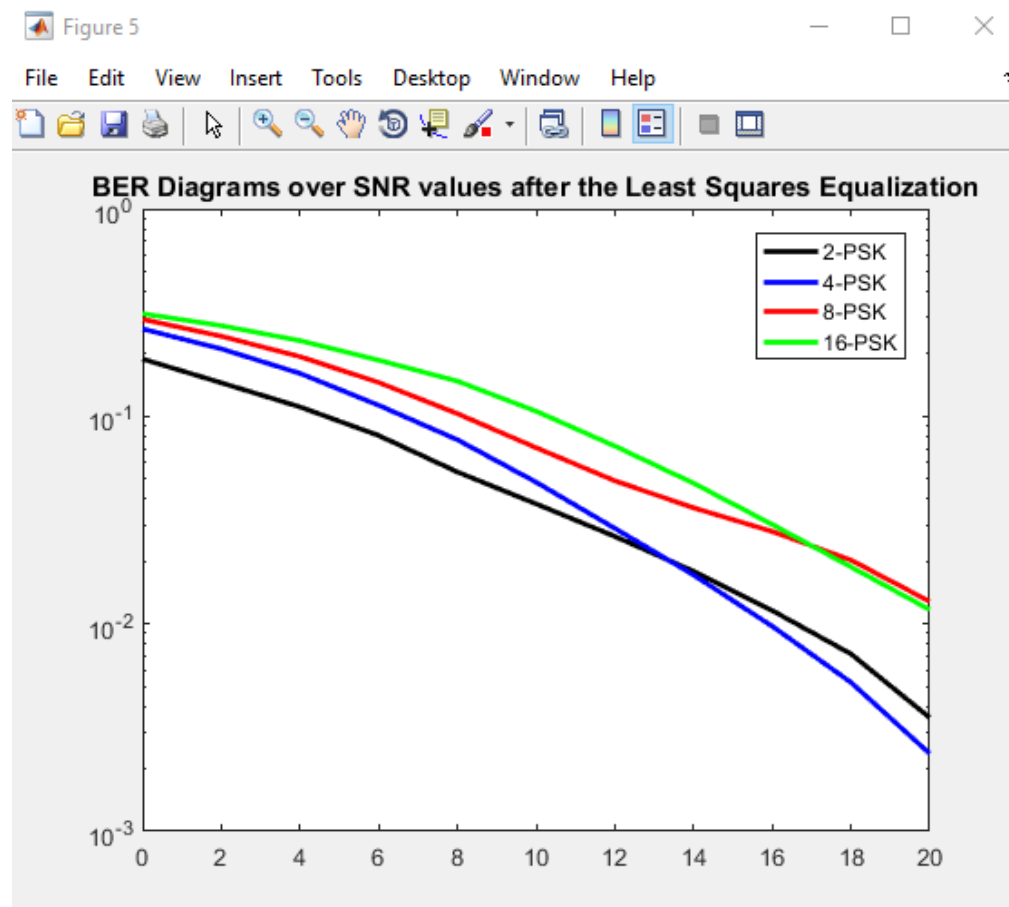


# Προχωρημένα Θέματα Τηλεπικοινωνιακών Συστημάτων - 3η Εργασία

Θεόδωρος Τσουρδίνης 2303

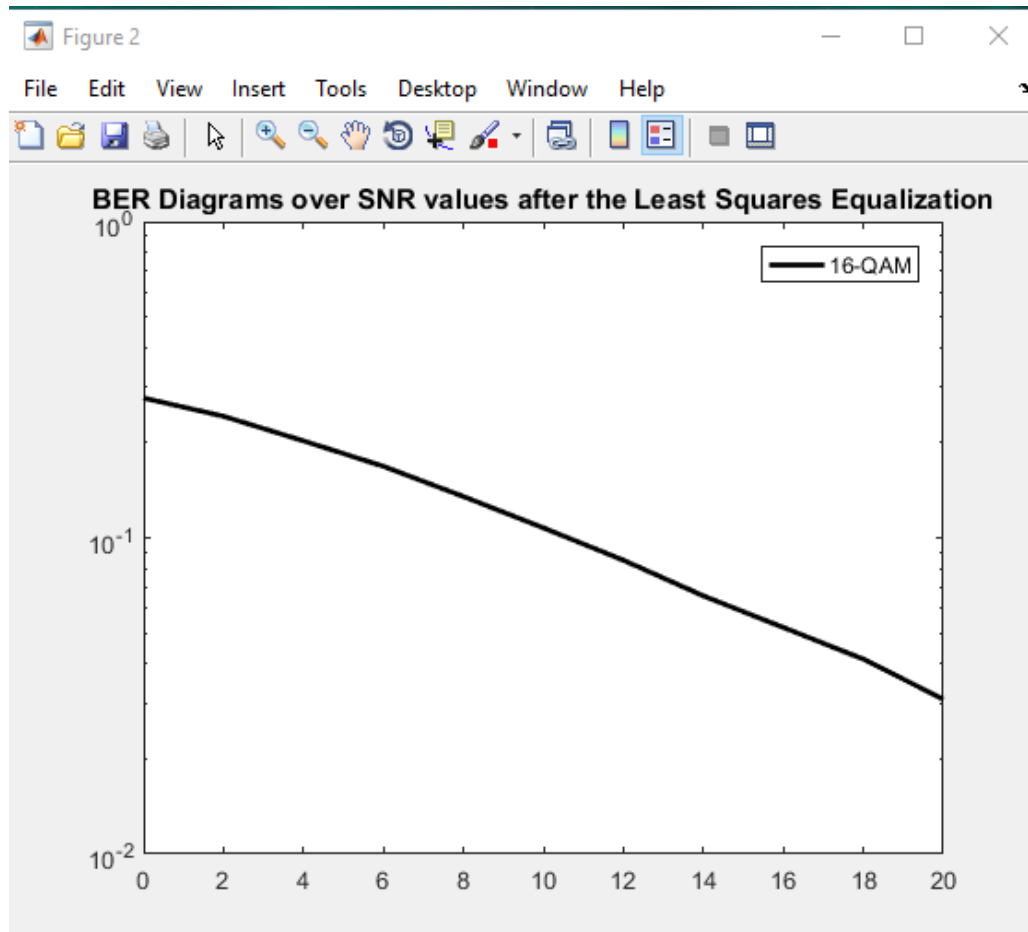
## Ερώτημα Α:

**BER DIAGRAM WITH THE METHOD OF LEAST SQUARES CHANNEL INVERSION**  
( $T = 10^3$ ,  $N = 10^5$ )

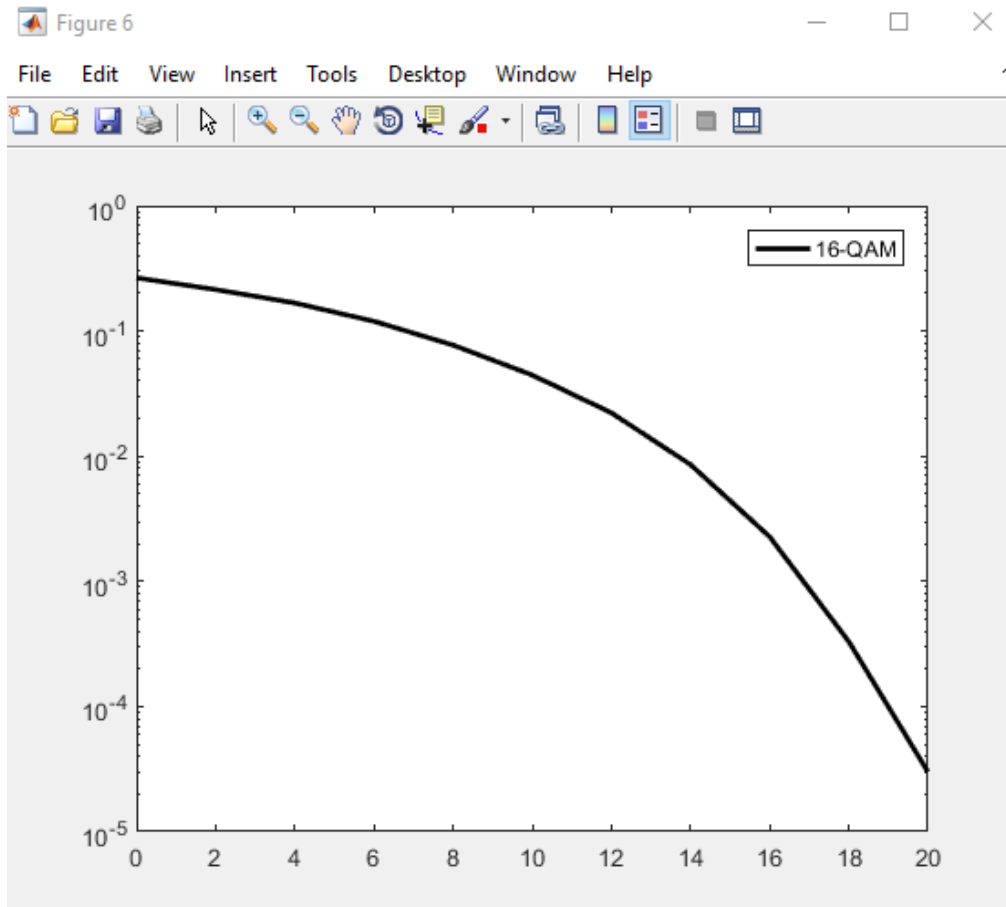


## Ερώτημα Β:

### ***BER DIAGRAM of 16-QAM MODULATION - MIMO SYSTEM***

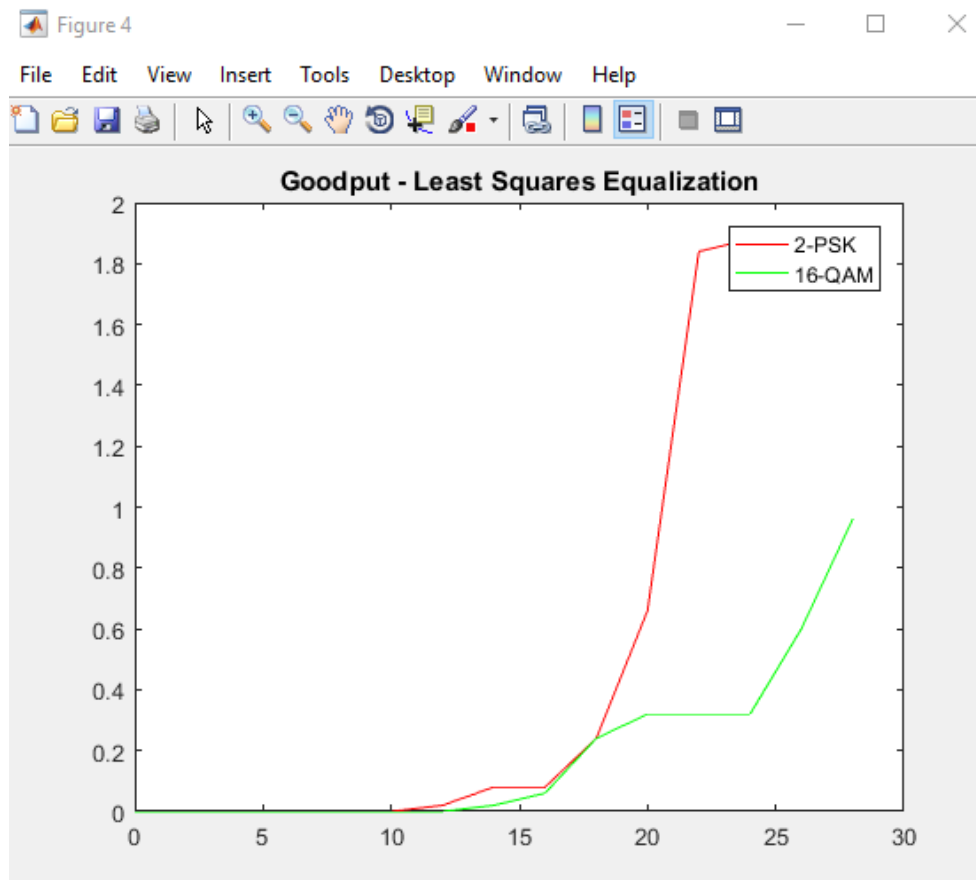


### ***BER DIAGRAM of 16-QAM MODULATION – 1 ANTENNA SYSTEM***



Ερώτημα Γ:

Goodput – MIMO System (  $N = 10^5$  ,  $T = 10^3$  )



### Goodput – MRC System ( $N = 10^5$ , $T = 10^3$ )

