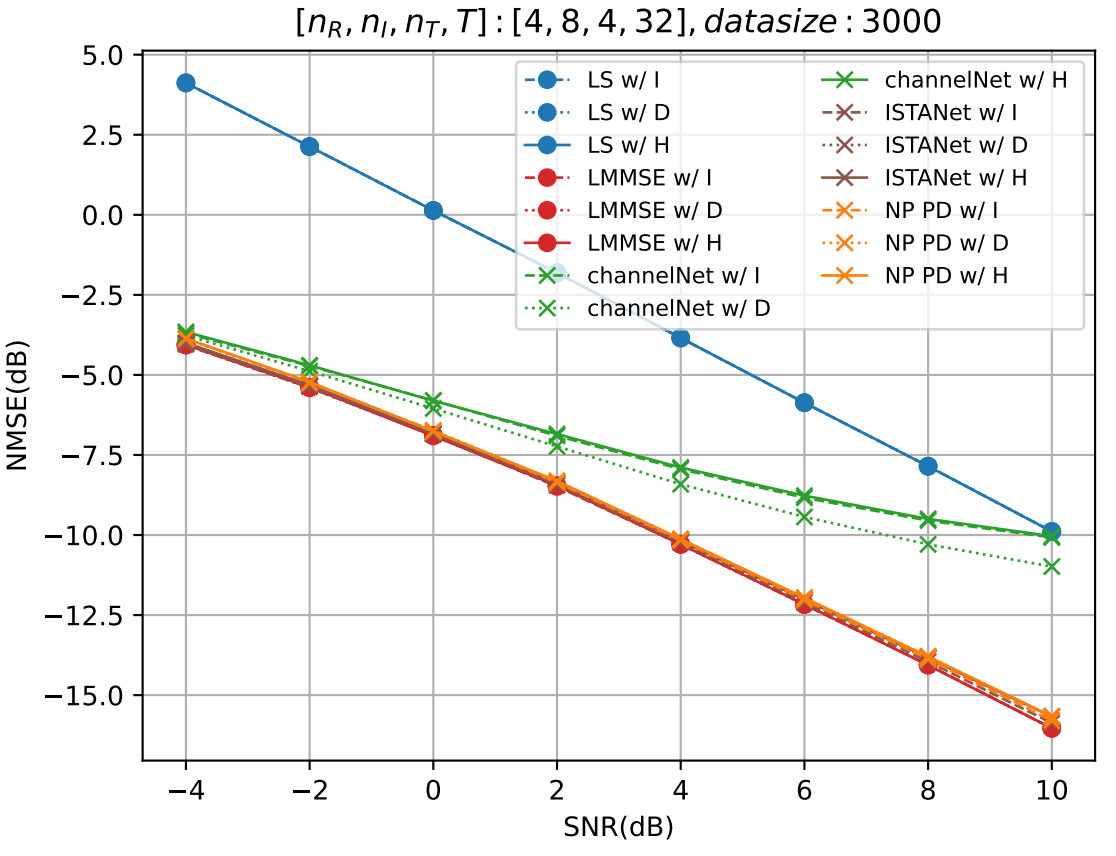
NP PD trained MMSE MIMO nmlz ChEst with IRS vs SNR in Rician
$[n_R, n_I, n_T, T] : [4, 8, 4, 32], datasize : 3000$
NMSE(dB)
SNR(dB)
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−12.5
−15.0
−4
−2
0
2
4
6
8
10
LS w/ I
LS w/ D
LS w/ H
LMMSE w/ I
LMMSE w/ D
LMMSE w/ H
channelNet w/ I
channelNet w/ D
channelNet w/ H
ISTANet w/ I
ISTANet w/ D
ISTANet w/ H
NP PD w/ I
NP PD w/ D
NP PD w/ H