

# ITWC - II .

## HOMEWORK - I

Single User Vector Gaussian channels .

Maximum points : 100

passing points : 60 .

Due date : 8 oct. 2012 .

- Q.1 . Ex. 8.1 from TV . (10 points) .
- Q.2 . Ex. 8.8 (1,2) from TV . (15 points)
- Q.3 . Ex 8.9 from TV . (25 points)
- Q.4 . Ex. 8.11 from TV . (20 points)
- Q.5 . Ex. 8.22 from TV . (30 points)