Deversety Leceives: Deversity Scheme is applied at the verewing End of the artings in an effective technique dos reducing the multipath fading when the fading reduces, the receiption level can be increased The diversity Schemes Can be classified as a) Polarisation diversity: b) Field Component Energy density c) Space diversity d) Frequency diversity e) Time diversity 1) Angle diversity - The performance obtained from any of the diversity scheme is same and that is the Corclation Cossilient of the two xereived signals becomes zero.

- a) The performance Can also vary with different diversity Combiner wants

 a) The maximal ratio Combiner: is the hest performance Combiner

 b) The Equal guin Combiner: has 0.5 dB degradation as Compared with

 the maximal ratio Combiner:

 c) The selective Combiner: has 2 dB degradation as Compared with the
 - e) The Selective Combiner: has a dB degradation as Compared with the maximal rate Combiner.
- At the Cellsele: the Correlation Cofficent P ≤ 0.7 should be used for two branch space diversity, with this Coefficient the Separation of two antennas at the Cell sets meets the suggesteement of the schere in is the antenna height of its the antenna separation
- -> At the mobile unit: the Correlation Costficient is equal to her for heat deversity antenna, with a separation of d=0.5%