

Alamouti's Scheme with Two Receive Antennas

Reference: S. M. Alamouti, "A simple transmit diversity technique for wireless communications," *IEEE Journal on Selected Areas in Communications*, vol. 16, no. 8, pp. 1451-1458, Oct. 1998

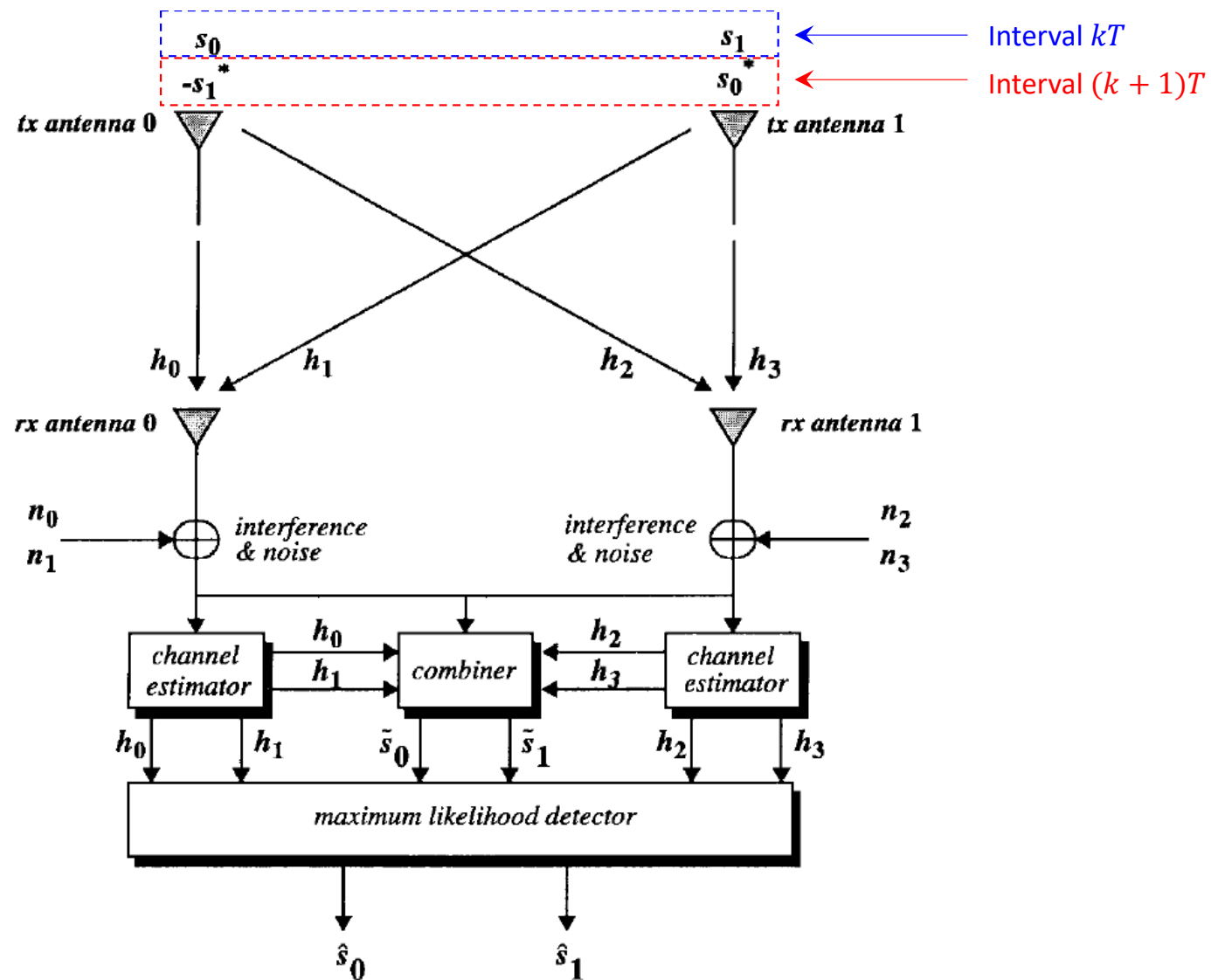


Fig. 3. The new two-branch transmit diversity scheme with two receivers.

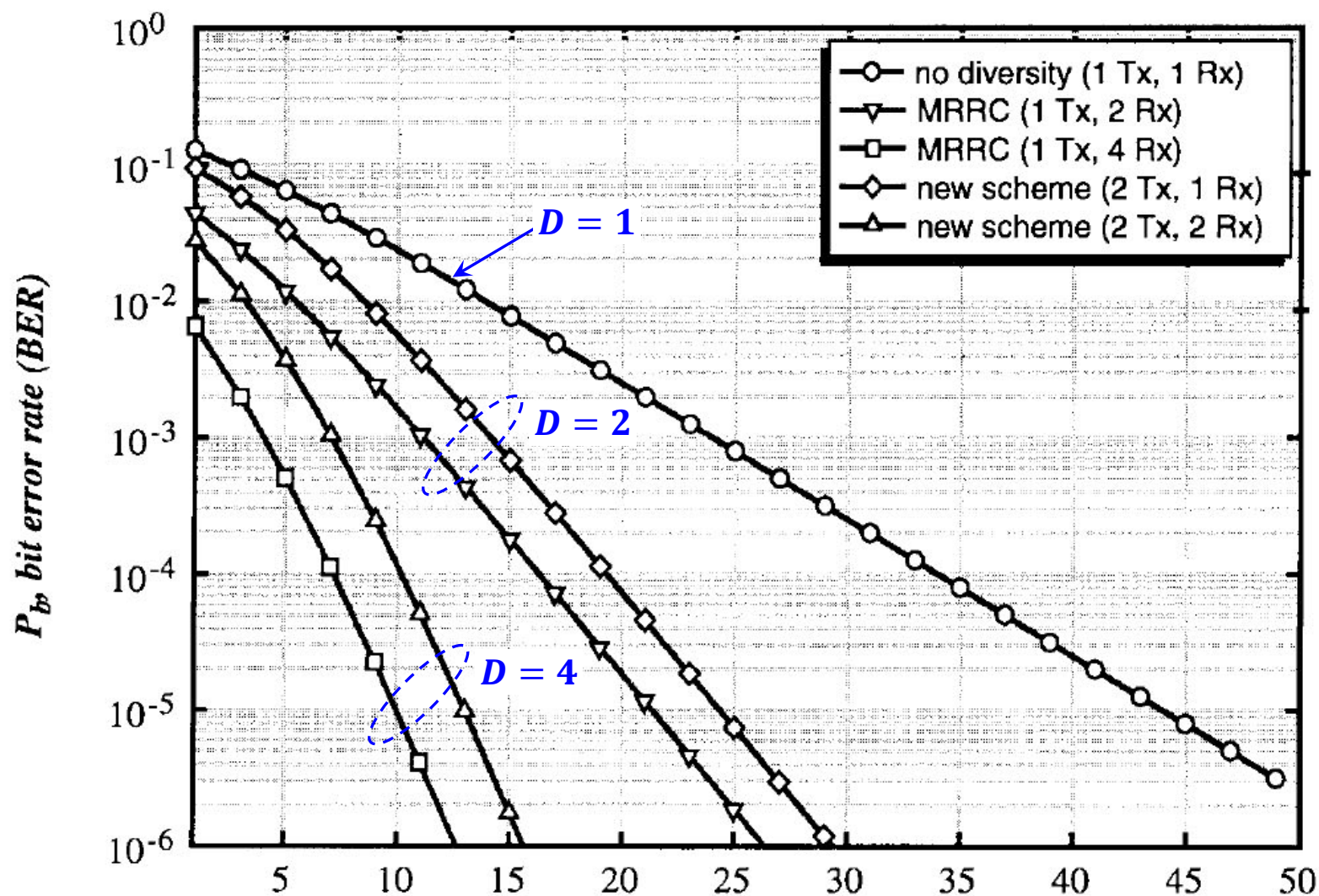


Fig. 4. The BER performance comparison of coherent BPSK with MRRC and two-branch transmit diversity in Rayleigh fading.