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Erratum to: Performance analysis and design of MIMO-OFDM system using concatenated forward error correction codes

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Figures 14−25 in the original version of the article are incorrect and they should be replaced as follows:
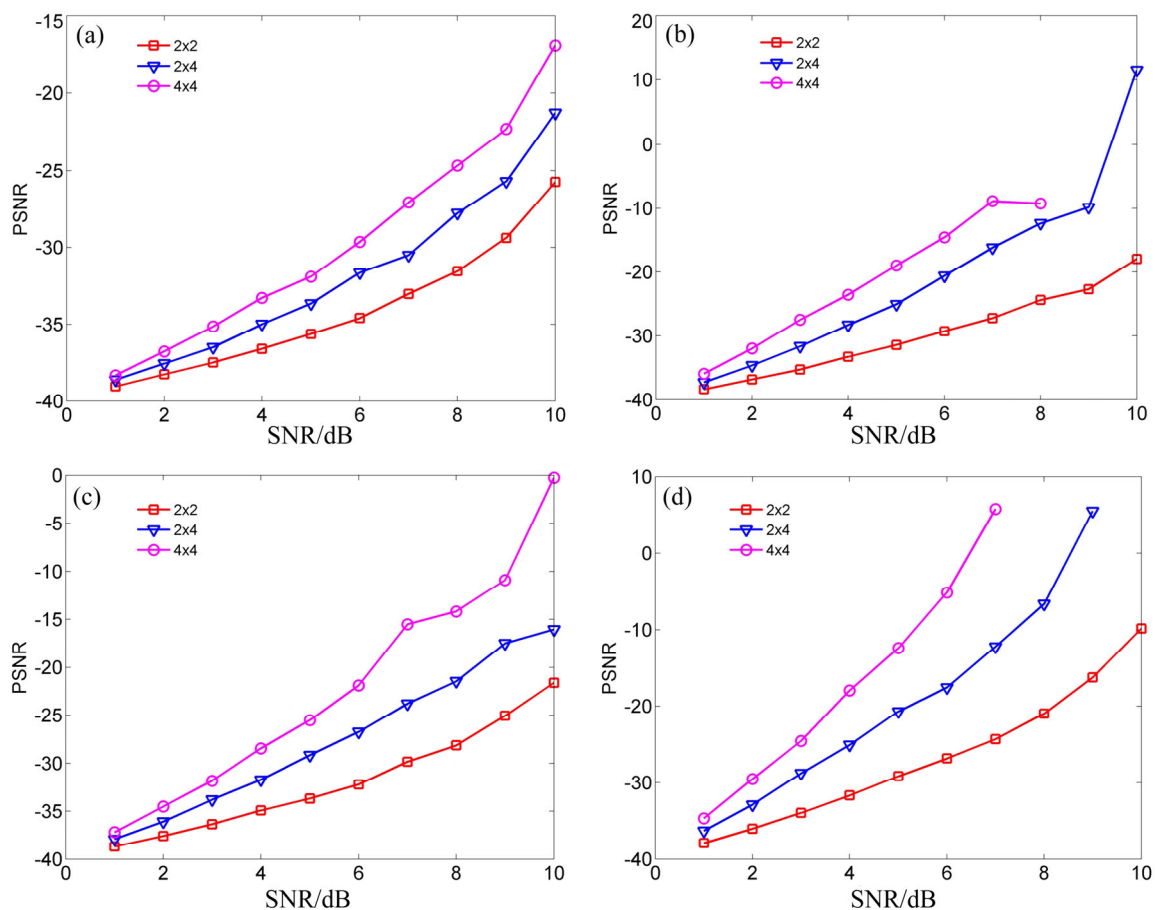

Fig. 14 PSNR analysis of MIMO-OFDM system with BPSK modulation and FEC schemes in AWGN environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
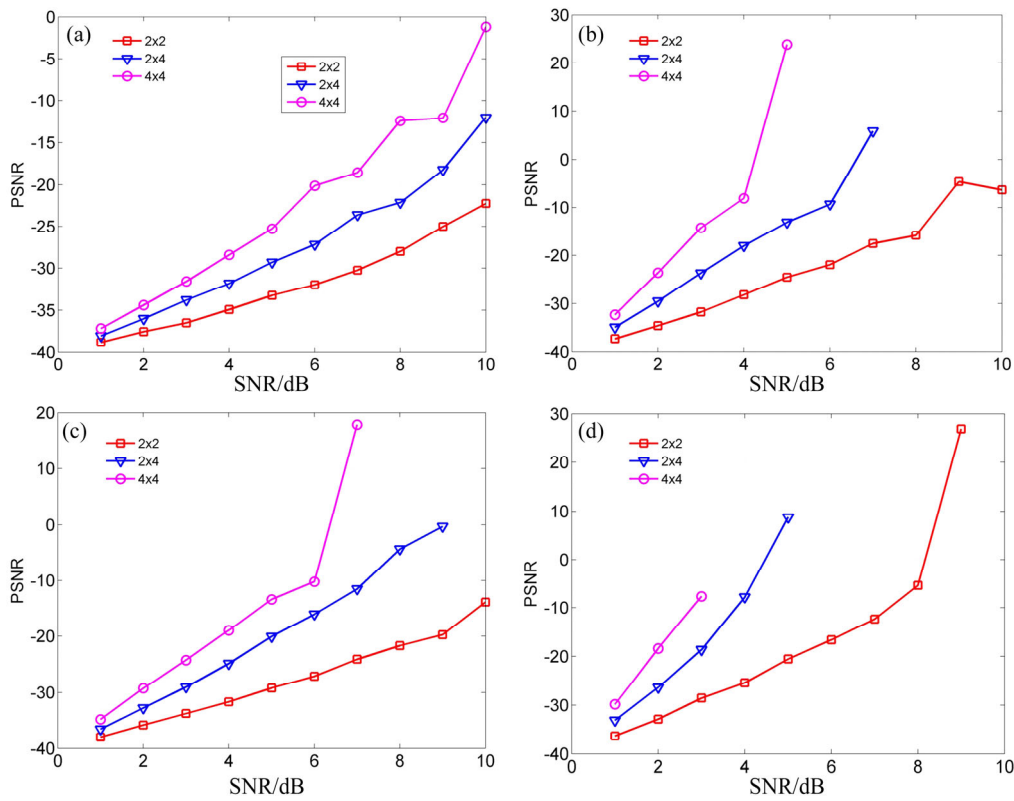
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Fig. 15 PSNR analysis of MIMO-OFDM system with QPSK modulation and FEC schemes in AWGN environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
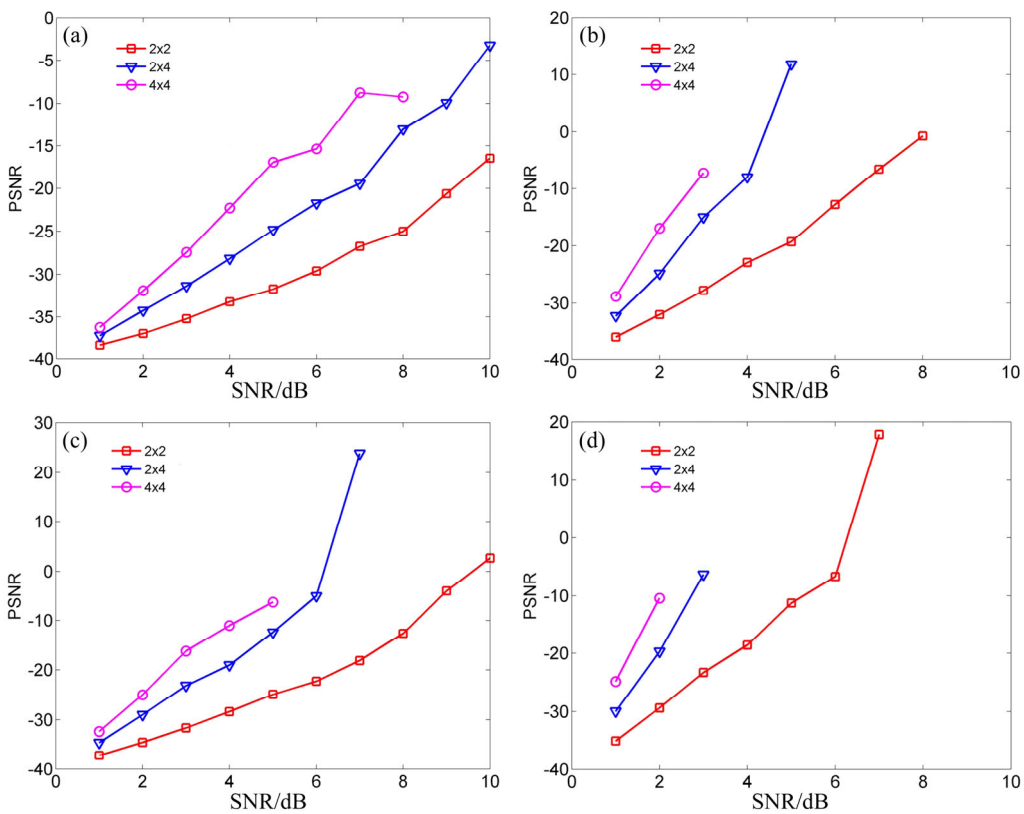

Fig. 16 PSNR analysis of MIMO-OFDM system with QAM-16 modulation and FEC schemes in AWGN environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
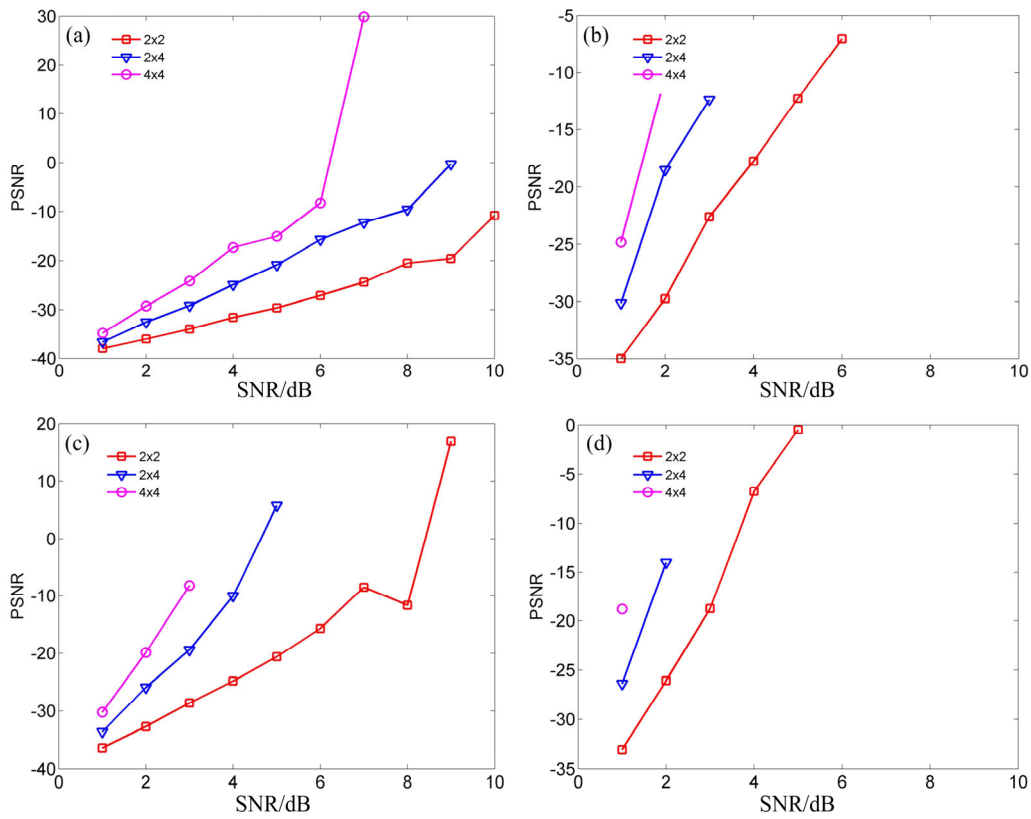
Fig. 17 PSNR analysis of MIMO-OFDM system with QAM-64 modulation and FEC schemes in AWGN environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
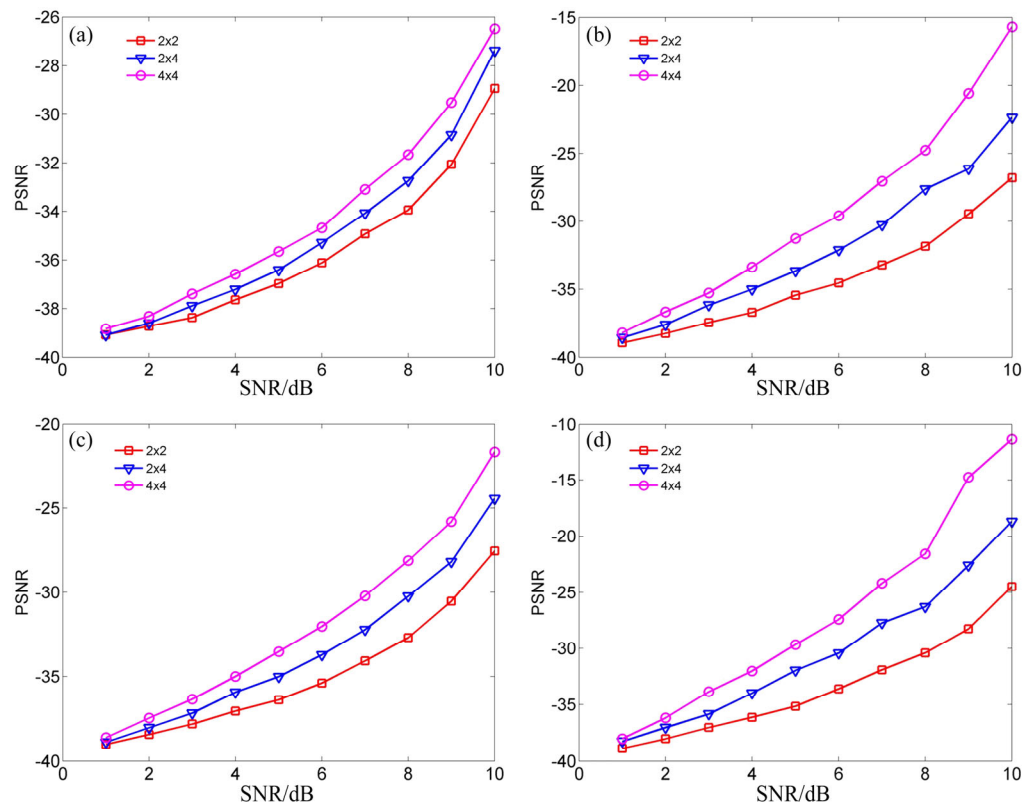

Fig. 18 PSNR analysis of MIMO-OFDM system with BPSK modulation and FEC schemes in Rayleigh environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
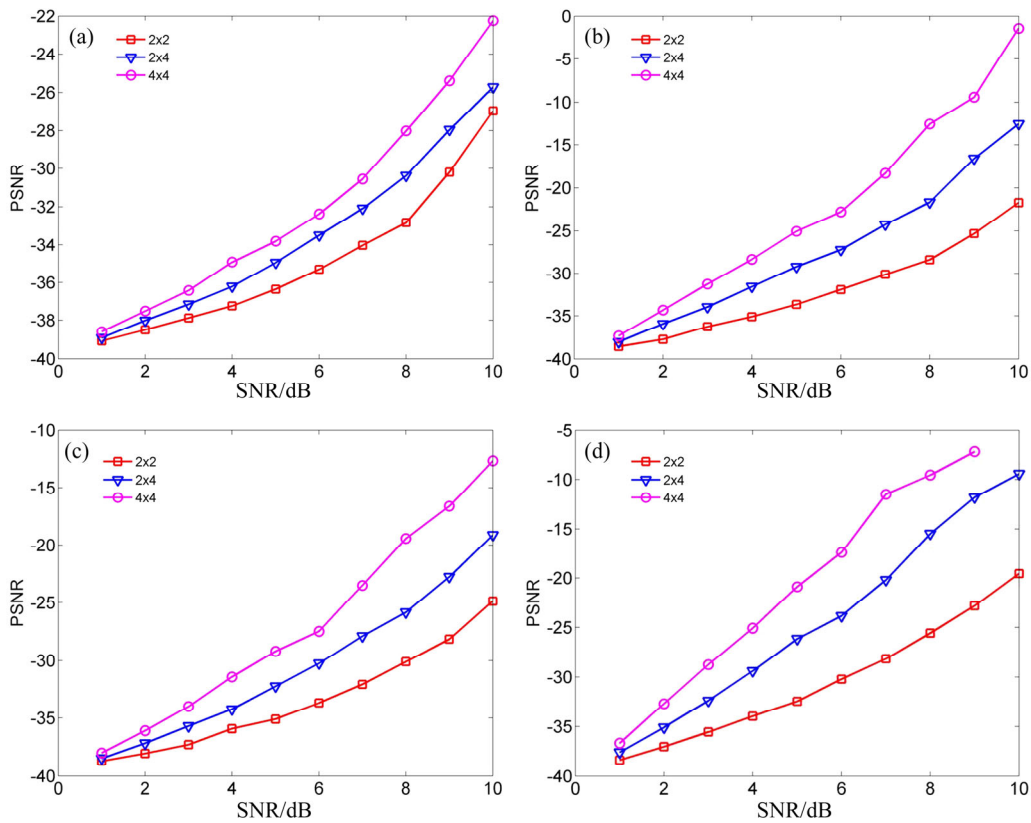
Fig. 19 PSNR analysis of MIMO-OFDM system with QPSK modulation and FEC schemes in Rayleigh environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
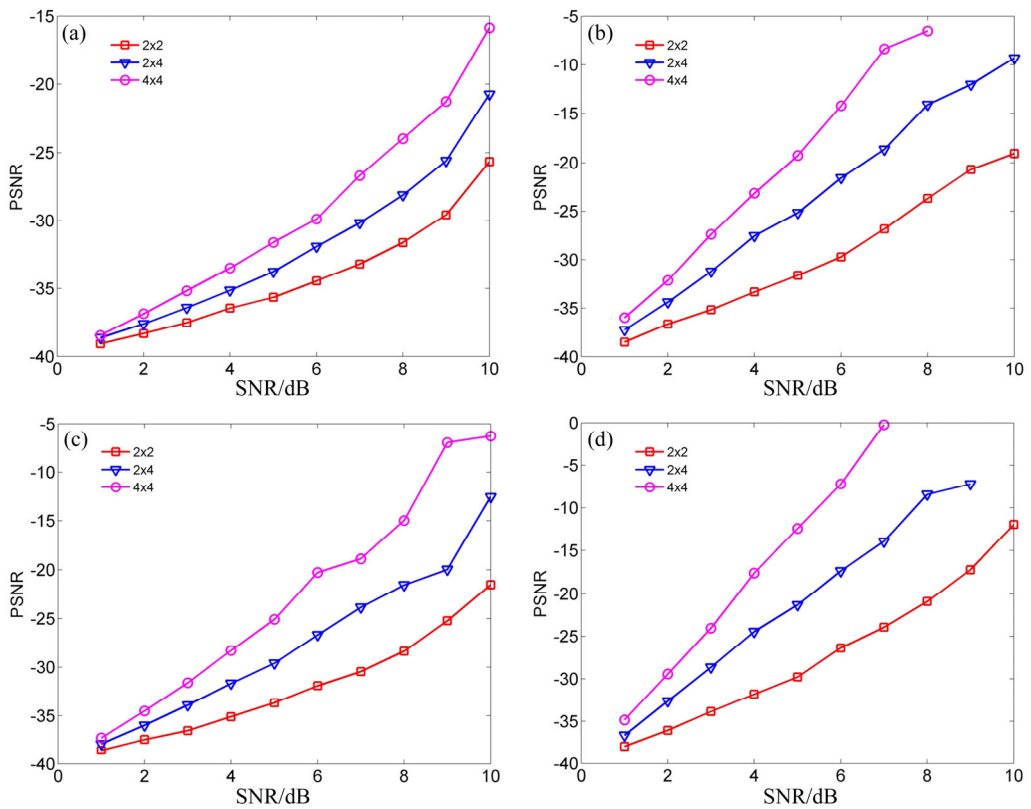

Fig. 20 PSNR analysis of MIMO-OFDM system with QAM-16 modulation and FEC schemes in Rayleigh environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
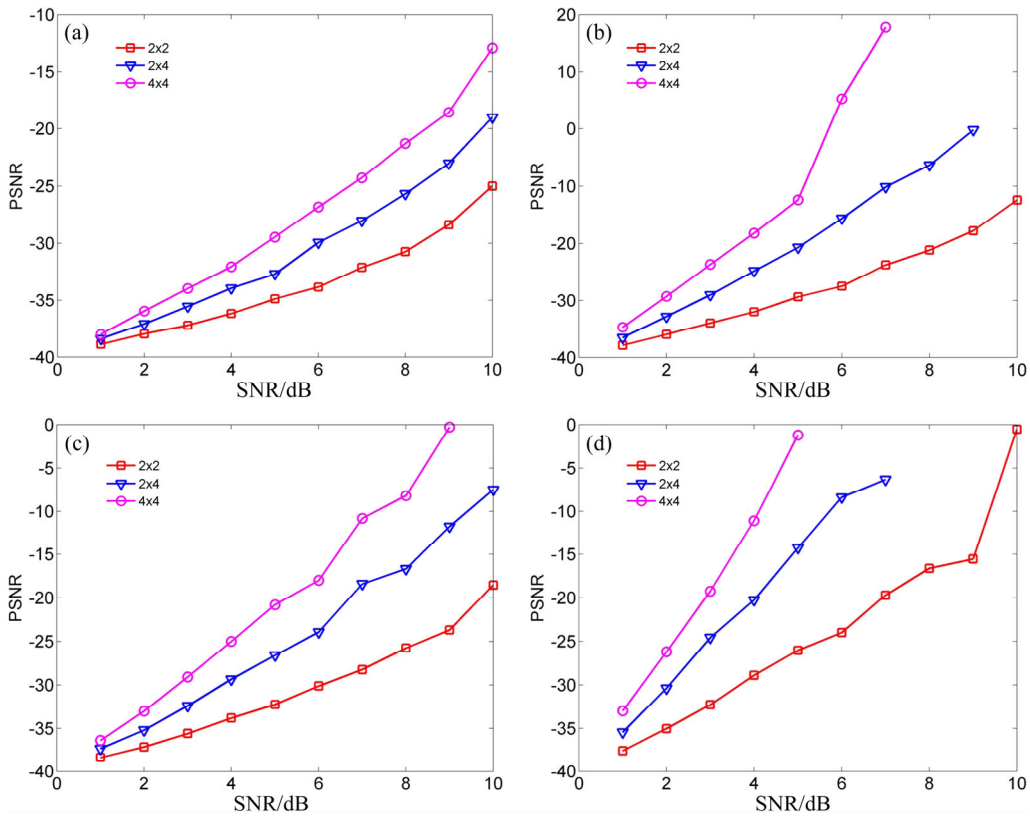
Fig. 21 PSNR analysis of MIMO-OFDM system with QAM-64 modulation and FEC schemes in Rayleigh environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
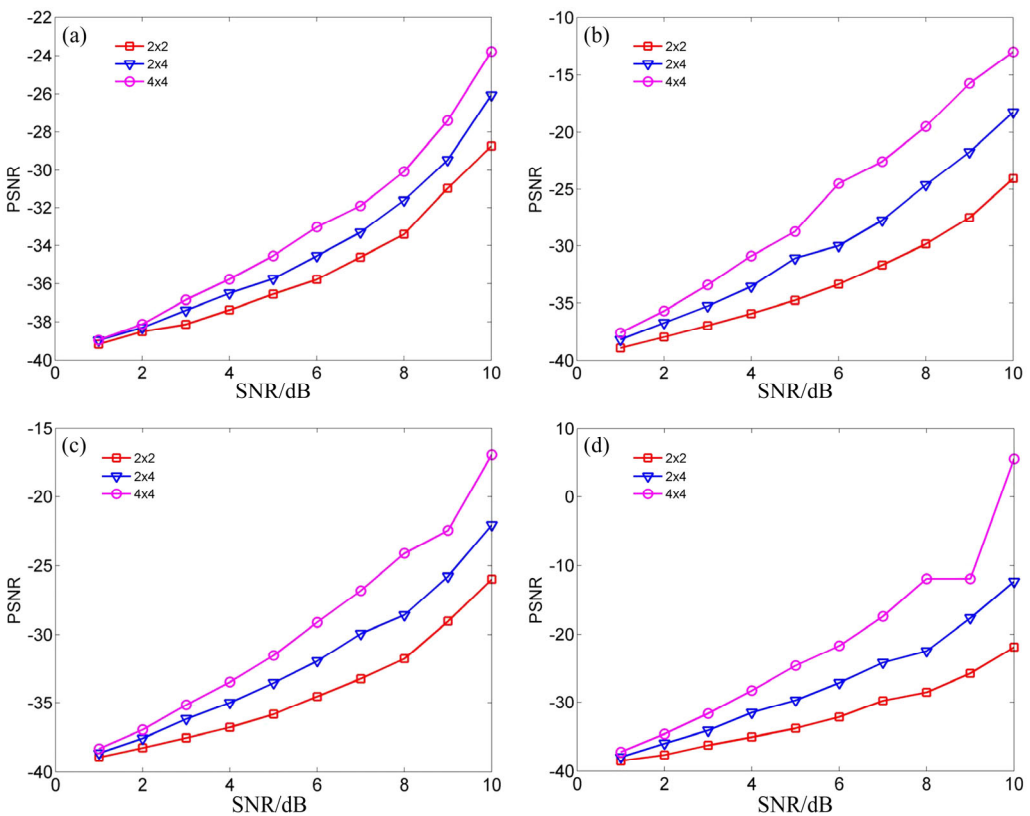

Fig. 22 PSNR analysis of MIMO-OFDM system with BPSK modulation and FEC schemes in Rician environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
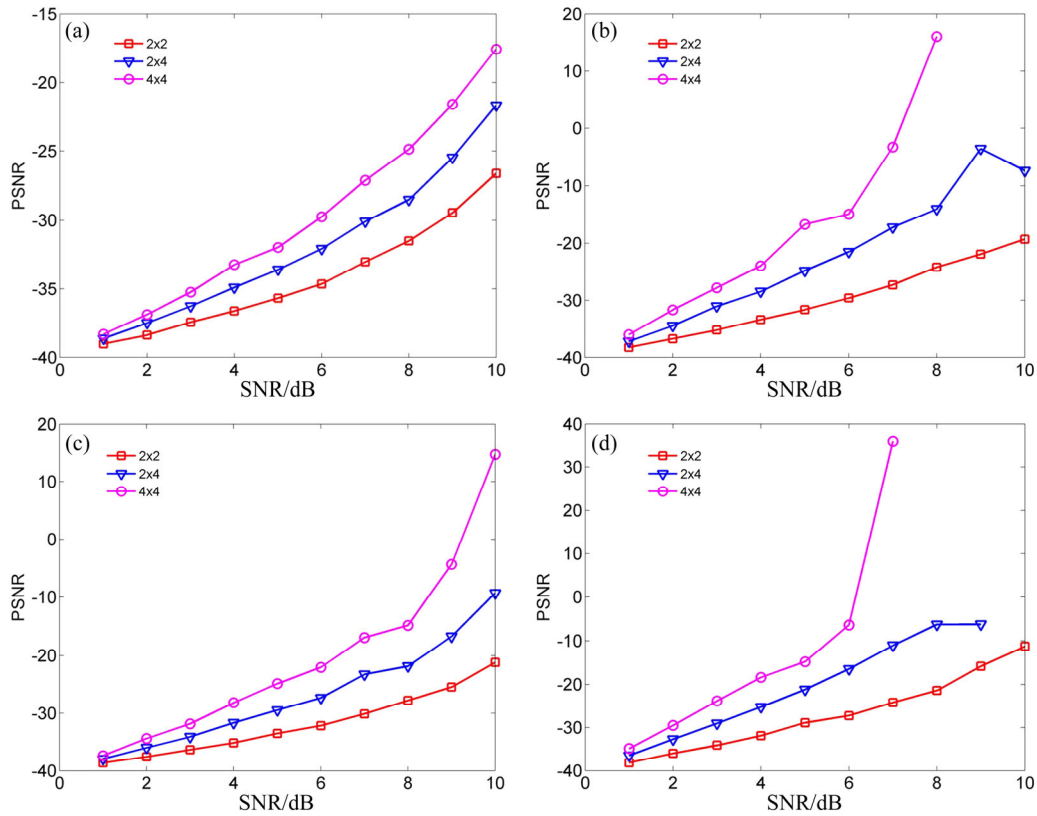
Fig. 23 PSNR analysis of MIMO-OFDM system with QPSK modulation and FEC schemes in Rician environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding

Fig. 24 PSNR analysis of MIMO-OFDM system with QAM-16 modulation and FEC schemes in Rician environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Turbo codes concatenated with convolutional coding
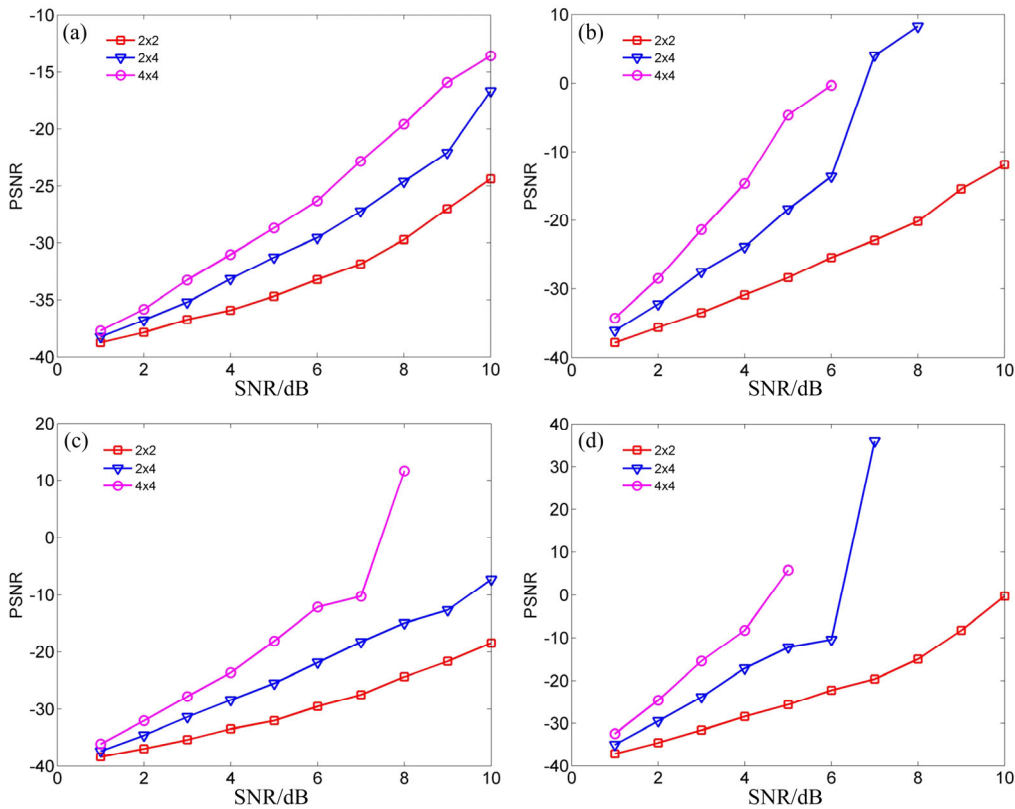
Fig. 25 PSNR analysis of MIMO-OFDM system with QAM-64 modulation and FEC schemes in Rician environment: (a) Only convolutional coding, CC; (b) LDPC concatenated with convolutional coding, LDPC+CC; (c) RSC concatenated with convolutional coding, RSC+CC; (d) Tur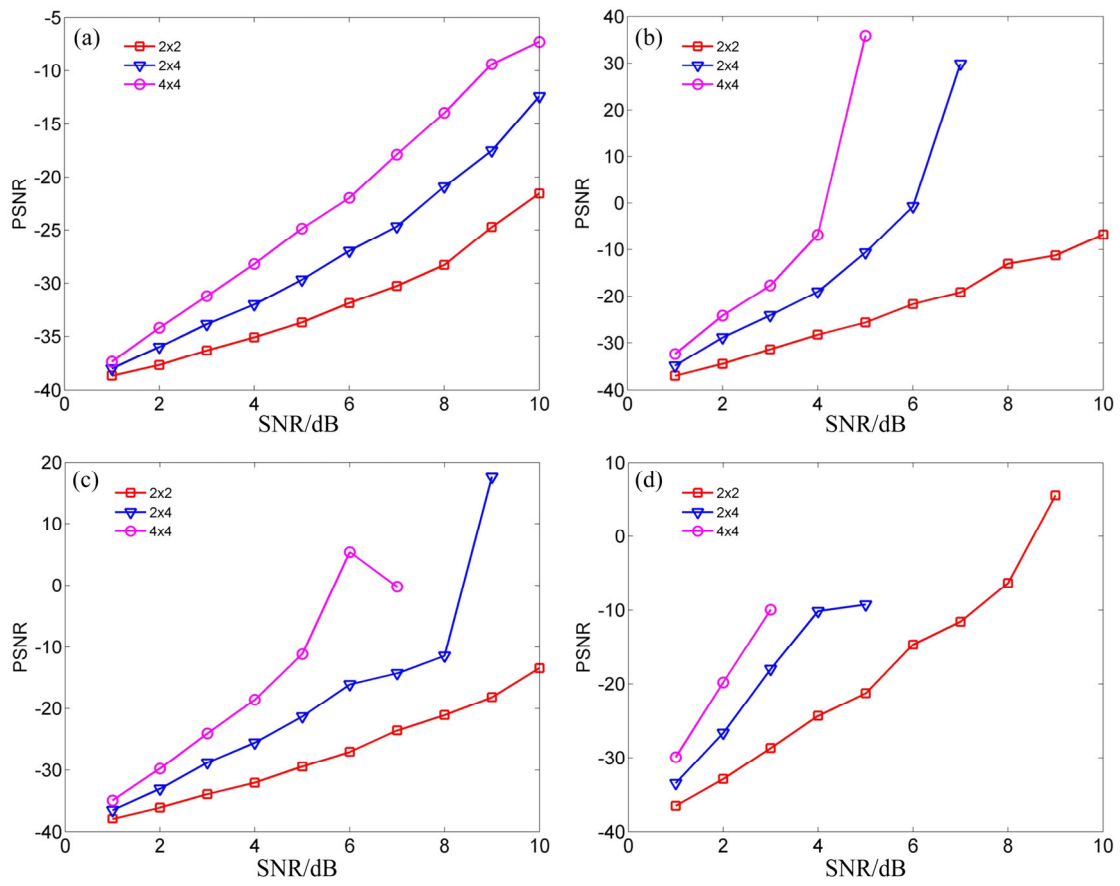bo codes concatenated with convolutional coding