

## References

- [1] G. Ungerboeck, “Channel coding with multilevel/phase signals,” *IEEE Trans. Inform. Theory*, vol. IT-28, pp.56-67, Jan. 1982.
- [2] D. Divsalar and M. Simon, “The design of trellis coded MPSK for fading channel: performance criteria,” *IEEE Trans. Commun.*, vol. 36, pp. 1004-1012, Sep. 1988.
- [3] E. Zehavi, “8-PSK trellis codes for a rayleigh channel,” *IEEE Trans. Commun.*, vol. 40, pp. 873-884, May 1992.
- [4] G. Caire, G. Taricco and E. Biglieri, “Bit-interleaved coded modulation,” *IEEE Communications Letters*, vol. 1, no. 6, pp.169-171, Nov. 1997.
- [5] A. Chindapol and J. A. Ritcey, “Design, analysis, and performance evaluation for BICM-ID with square QAM constellations in rayleigh fading channels,” *IEEE Journal on Selected Areas in Commun.*, vol. 19, no. 5, May 2001.
- [6] X. Li and J. A. Ritcey, “Bit-interleaved coded modulation with interative decoding,” *IEEE Commun. Lett.*, vol.1, pp. 169-171, Nov. 1997.
- [7] S. ten Brink, “Convergence behavior of iteratively decoded parallel concatenated codes,” *IEEE Trans. Commun.*, vol. 49, no. 10, Oct. 2001.
- [8] O. M. Collins and M. Hizlan, “Determinate state convolutional codes,” *IEEE*

*Trans. Commun.*, vol. 41, no. 12, Dec. 1993.

[9] J. Hagenauer, “Rate-compatible punctured convolutional codes (RCPC codes)

and their applications,” *IEEE Trans. Commun.*, vol. 36, pp. 389-400, Apr. 1988.

[10] L. H. C. Lee, “New rate-compatible punctured convolutional codes for Viterbi

decoding,” *IEEE Trans. Commun.*, vol. 42, no. 12, Dec. 1994.

[11] A. S. Barbulescu and S. S. Pietrobon, “Rate-compatible turbo code,” *Electron.*

*Lett.*, vol. 31, pp. 535-536, Mar. 1995.

[12] D. Divsalar and F. Pollara, “Turbo codes for PCS applications,” in *Proc. IEEE*

*Int. Conf. Communications, Seattle, WA*, Jun. 1995, vol. 1, pp. 54-59.

[13] L. Dinoi and S. Benedetto, “Design of fast-prunable S-random interleavers,”

*IEEE Trans. on Wireless Communications*, vol.4, no.5, Sep. 2005.

[14] S. N. Crozier, “New high-spread high-distance interleavers for turbo-codes,” in

*Proc. Biennial Symp. Communications*, Kingston, ON, Canada, May 28-31,

2000, pp. 3-7.

[15] A. Boronka and J. Speidel, “A Low Complexity MIMO System Based on

BLAST And Iterative Anti-Gray-Demapping,” *the 14<sup>th</sup> IEEE 2003 International*

*Symposium on Personal, Indoor and Mobile Radio Communication*

*Proceedings*.

[16] L. R. Bahl, J. Cocke, F. Jelinek and J. Raviv, “Optimal Decoding of Linear Codes

for Minimizing Symbol Error Rate,” *IEEE Trans. on Inform. Theory*, March 1974.

[17] T. M. Cover and J. A. Thomas, *Elements of Information Theory*. New York: Wiley, 1991.

[18] T. J. Richardson and R. Urbanke, “The capacity of low-density parity-check codes under message-passing decoding,” *IEEE Trans. Inform. Theory*, vol. 47, pp. 599-618, Feb. 2001.

[19] M. Tuchler and J. Hagenauer, “EXIT charts of irregular codes,” *2002 Conference on Information Sciences and Systems*, Princeton University, Mar. 2002.

[20] J. B. Cain, G. C. Clark, and J. M. Geist, “Punctured convolutional codes of rate  $(n-1)/n$  and simplified maximum likelihood decoding,” *IEEE Trans. Inform. Theory*, vol. IT-25, pp. 97-100, Jan. 1979.

[21] D. Haccoun and G. Begin, “High-rate punctured convolutional codes for Viterbi and sequential decoding,” *IEEE Trans. Commun.*, vol. 37, pp. 1113-1125, Nov. 1989.

[22] G.C. Clark and J. B. Cain, *Error-Correction Coding for Digital Communications*. New York: Plenum, 1981.

[23] S. Lin and D. J. Costello, Jr., *Error Control Coding: Fundamentals and Applications*. Englewood Cliffs, NJ: Prentice-Hall, 1983.

- [24] A. J. Viterbi, “Convolutional codes and their performance in communication systems,” *IEEE Trans. Commun. Technol.*, vol. COM-19, pp. 751-772, Oct. 1971.

