Errata List and Amendments
Last updated, March 2, 2016

- Eq. (4.36) should read as

$$I_{p_{\boldsymbol{Y}|\boldsymbol{B}}}^{\text{gmi}}(\boldsymbol{B};\boldsymbol{Y}) = \mathbb{E}_{\boldsymbol{B},\boldsymbol{Y}}\left[\log_2 \frac{p_{\boldsymbol{Y}|\boldsymbol{B}}(\boldsymbol{Y}|\boldsymbol{B})}{\sum_{\boldsymbol{b}\in\mathbb{B}^m} P_{\boldsymbol{B}}(\boldsymbol{b})p_{\boldsymbol{Y}|\boldsymbol{B}}(\boldsymbol{Y}|\boldsymbol{b})}\right] \tag{4.36}$$

- The equation in the first line of the proof of Theorem 4.11 (p. 86) should read $P_{\boldsymbol{B}}(\boldsymbol{b}) = \prod_{k=1}^{m} P_{B_k}(b_k)$.

- Eq. (4.48) should read as

$$I_{\mathbb{q},s}^{\text{gmi}}(\boldsymbol{B};\boldsymbol{Y}) = \mathbb{E}_{\boldsymbol{B},\boldsymbol{Y}}\left[\log_2 \frac{\prod_{k=1}^{m}[\mathbb{q}_k(B_k,\boldsymbol{Y})]^s}{\sum_{\boldsymbol{b}\in\mathbb{B}^m}\prod_{k=1}^{m} P_{B_k}(b_k)[\mathbb{q}_k(b_k,\boldsymbol{Y})]^s}\right] \tag{4.48}$$

- Theorem 4.24: "If the bits $B_1,\ldots,B_m$ are i.i.d." should read "If the bits $B_1,\ldots,B_m$ are independent"

- The line after (7.56) should read "which, when used in (7.21), yields".

- The left-hand side of (7.69) should read $p_{\tilde{\Lambda}^{\Sigma,c}}(l)$
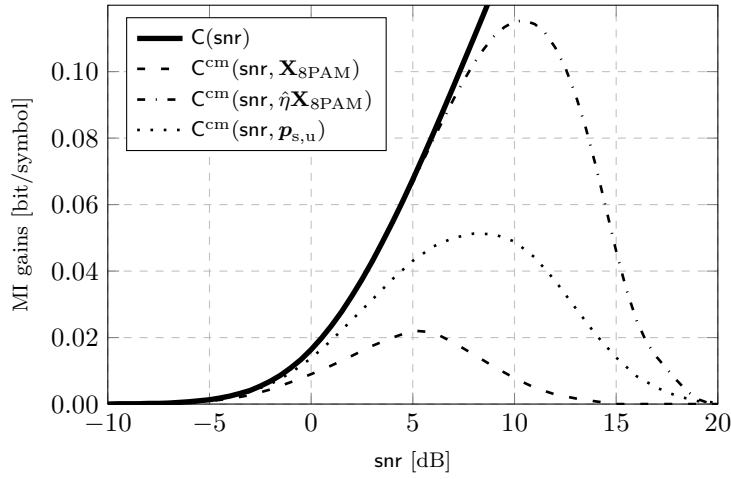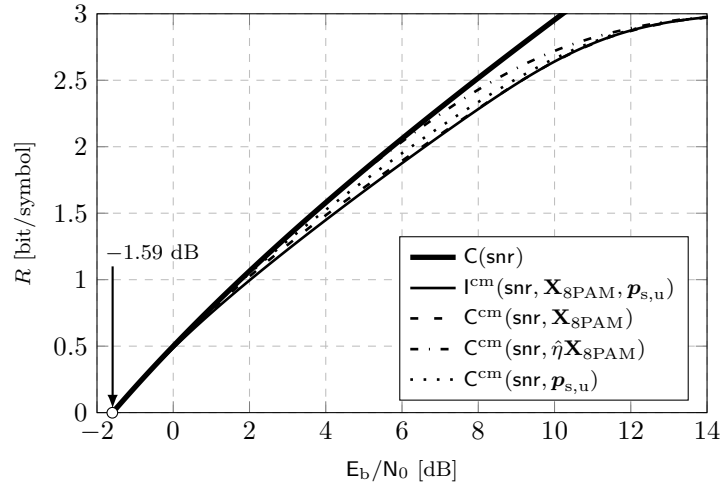
- Fig. 4.8 should be replaced by Fig. 1

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Figure 1: Replacement for Fig. 4.8