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# Erratum to "Sparse Preamble Design for Polarization Division Multiplexed CO-OFDM/OQAM Channel Estimation"

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In the original paper [1], the sparse preamble channel estimation is investigated for polarization division multiplexed (PDM) Coherent Optical OFDM/OQAM systems, with some comparisons with the interference approximation method (IAM). In our literature overview, we omitted to cite two relevant papers in the wider digital signal processing community. In [2], the IAM channel estimation scheme has been extended to the multiple-input multiple-output (MIMO) case for the first time and various MIMO-IAM preambles are compared with each other for some frequency selective wireless channels. A thorough review of existing preamble structures, and associated channel estimation methods is proposed in [3], with results on mean squared error-optimal sparse preambles. These complementary references may be very helpful for the researcher interested in PDM CO-OFDM systems design, as our work shares some of the features of these two prior contributions.

## REFERENCES

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- [3] E. Kofidis, D. Katselis, A. Rontogiannis, and S. Theodoridis, "Preamble-based channel estimation in OFDM/OQAM systems: A review," *Signal Processing*, vol. 93, no. 7, pp. 20382054, July 2013.