

Structured Sparsification with Joint Optimization of Group Convolution and Channel Shuffle

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Overview

As an alternative to filter pruning, we compress the model by learning a group structure and a channel shuffle pattern jointly.

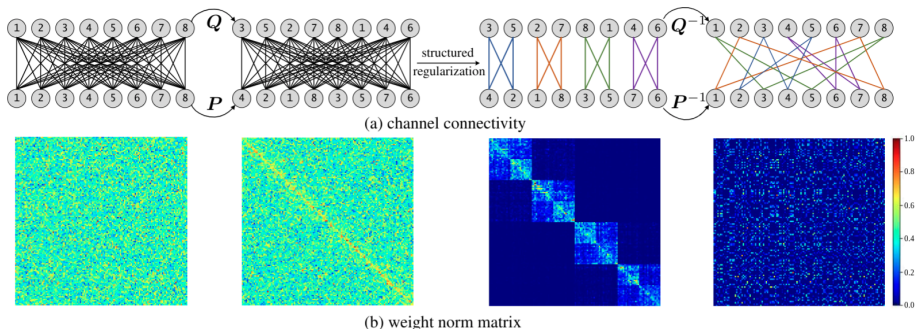


Figure: Overview of the proposed *structured sparsification*.

Highlights.

- (i) Learning connectivity (channel shuffle) via linear programming;
- (ii) Structured L_1 regularization to promote group structure.