

1135-47-2196      **Wonhee Na\*** ([wonhee@math.tamu.edu](mailto:wonhee@math.tamu.edu)). *Basic examples of bi-free product.*

We study the bi-free product of  $C^*$ -algebras generated by pairs of commuting projections. In particular, we describe this  $C^*$ -algebra and the bi-free product state. We employ and prove some general results analogous to Voiculescu's partial S-transform in the bi-free setting.

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