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Title:	Maximal estimates for bilinear Bochner-Riesz means
Authors:	Jotsarop, K. (/jspui/browse?type=author&value=Jotsarop%2C+K.)
Keywords:	Bilinear Bochner-Riesz means Square function
Issue Date:	2022
Publisher:	Elsevier
Citation:	Advances in Mathematics, 395(1), 108100.
Abstract:	We establish improved $L_p$ estimates for the maximal bilinear Bochner-Riesz means in all dimensions $n \geq 1$ . This work extends the results proved by Jeong and Lee [11]. We also recover the known results for the bilinear Bochner-Riesz means. The method of proof involves a new decomposition of the bilinear Bochner-Riesz multiplier $(1 -  \xi ^2 -  \eta ^2)^\alpha$ and delicate analysis in proving $L_p$ estimates for frequency localised square functions.
Description:	Only IISER Mohali authors are available in the record.
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