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Title: Derivations into various duals of Lau product of Banach algebras

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For two Banach algebras A and B, an interesting product  $A \times_{\theta} B$ , called the  $\theta$ -Lau product, was recently introduced and studied for some non-zero multiplicative linear functional  $\theta$  on B. In this paper, by discussing general necessary and sufficient conditions for n-weak amenability of  $A \times_{\theta} B$ , we extend some results on the n-weak amenability of the unitization  $A^{\sharp}$  of A, to the  $\theta$ -Lau product  $A \times_{\theta} B$ . In particular, we improve several known results on n-weak amenability of  $A \times_{\theta} B$  and answer some questions on this topic.

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