1131-11-86   **Matthew Krauel*** (`krauel@csus.edu`), California State University Sacramento, 6000 J Street, Sacramento, CA 95819-6051. *Some differential operators of Jacobi forms arising from vertex operator algebras.*

We will briefly explain how differential operators of Jacobi forms arise in the theory of vertex operator algebras (VOAs). We then introduce a family of differential operators that arise for a certain class of VOAs and explain some possible applications. Time permitting, we will also mention how the theory of VOAs can be used to show how certain polynomials of quasi-Jacobi forms are Jacobi forms. (Received July 05, 2017)

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