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Taryn C Flock*, tflock@macalester.edu, and **Andrea Nahmod**. *A singular bilinear operator with a determinant like kernel*. Preliminary report.

We consider a bilinear operator arising in the study of PDE's. We show that in two dimensions the L^p - L^q mapping properties of this operator are completely understood through its association to a trilinear form studied by Valdimarson and Gressman, He, Kovač, Street, Thiele, Yung. We will further discuss Sobolev estimates and, time permitting, extensions to higher dimensions. (Received August 04, 2020)