1172-57-173　　　　　**Rhea Palak Bakshi** and **Dionne F Ibarra*** (`dfkunkel@gwu.edu`), 801 22nd st NW, Washington, DC 20052, and **Sujoy Mukherjee** and **Jozef H Przytycki**. *The Gram Determinant of Type Generalized A.*

A general formula for the Gram determinant of Type A was formulated in 1995, this determinant is of a matrix given by a bilinear form on crossingless connections in the disc with 2n boundary points. Thirteen years later, a general formula for the Gram determinant of Type B was solved, this determinant is of a matrix given by a bilinear form on crossingless connections in the annulus with 2n boundary points. We present a generalization to the Gram determinant of Type A and formulate a closed formula. (Received August 26, 2021)