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Dietmar Bisch* (dietmar.bisch@vanderbilt.edu), Vanderbilt University, Department of Mathematics, SC 1326, Nashville, TN 37240. *The planar algebra of group-type subfactors.*

Haagerup and I introduced some 10 years ago a class of subfactors associated to outer actions of two finite groups. These subfactors play an important role in the theory, since they provide a very simple mechanism to construct irreducible subfactors whose standard invariants have infinite depth. We will review this construction and describe explicitly the planar algebra of these subfactors. We obtain natural IRF models in this way. This is joint work with Paramita Das and Shamindra Ghosh. (Received February 16, 2008)