

Wronskian of theta functions and series for $1/\pi$
(Joint work with A. Berkovich and M. Schlosser)

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In his famous paper “Modular equations and approximations to π ”, S. Ramanujan stated several identities associated to a certain function $f(\ell)$ and indicated the relation between these identities and his series for $1/\pi$. In this talk, we replace $f(\ell)$ by Wronskians of theta functions and derive new representations of Ramanujan’s series for $1/\pi$.