

Online Number Theory Seminar

6 March 2026. – 17:00-17:50

R. Tijdeman: Extensions of the Julia-Ritt Theorem on composition of polynomials..

Both Julia and Ritt have given characterizations of complex-valued polynomials f, g such that $f(g) = g(f)$. We present the solutions of some related equations such as $f(g(h)) = h(g(f))$ and $f(g) = h(g(f))$. This study is done jointly with Lajos Hajdu.