

1056-39-1865

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This talk focuses on asymptotic behavior of solutions of two families of equations. First, equations of the form

$$y_n = \min(f(y_{n-k_1}, y_{n-m_1}), \dots, f(y_{n-k_L}, y_{n-m_L}))$$

will be considered, with attention to conditions on f and $\{k_i, m_i\}$ that guarantee asymptotically periodic solutions. We will also present recent work on a question related to equal representation of classes within periods. (Received September 22, 2009)