

**Название публикации:**

On asymptotic behavior of blow-up solutions to higher-order differential equations with general nonlinearity

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**Сведения об издании:**

Springer Proceedings in Mathematics and Statistics

Volume 230, 2018, Pages 1-12

3rd International Conference on Differential and Difference Equations and Applications, ICDDEA 2017; Amadora; Portugal; 5 June 2017 до 9 June 2017; Код 213469

**Аннотация:**

New results are proved on the asymptotic behavior of blow-up solutions to a higher-order equation with general potential are proved. Several author's results are presented concerning both positive and oscillatory solutions to equations with regular and singular nonlinearities. Some applications of the results obtained are proposed. © 2018, Springer International Publishing AG, part of Springer Nature.

**Ключевые слова:**

Asymptotic behavior, Blow-up, Nonlinear equations, Oscillatory solutions