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## Growth Of Solutions Of Certain Non-Homogeneous Linear Differential Equations With Entire Coefficients

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**Abstract:** In this paper, we investigate the growth of solutions of the differential equation  $f^{(k)} + A_{k-1}(z)f^{(k-1)} + \dots + A_1(z)f' + A_0(z)f = F$ , where  $A_0(z), \dots, A_{k-1}(z), F(z) \not\equiv 0$  are entire functions, and we obtain general estimates of the hyper-exponent of convergence of distinct zeros and the hyper-order of solutions for the above equation.



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