

SNS COLLEGE OF ENGINEERING

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AN AUTONOMOUS INSTITUTION

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Adamy-Back forth predictor & connector Method. 1. Write down Adams. Barth forth predictor & corrector formulae. Adami predictor & corrector formulae are yn+1, p= . yn+ & [55 3h - 59 yn + 37 yn-2-9 yn-1] Oyner, c = yn+ ty 19 yn+ +19 yn -5 yn++ yn-7 a. How many prior values are required to predict the next value in Adami method 1 Four prior values, 3. What to a predictor corrector method of colving a differential equation? predictor - corrector methods are methods which graquin the values of y at Nn, Nn-1, Nn-2, Nn-3 for for computing the values of y at North we first use a formula to find the value of y at Xn+1 and this is known as predictor formula. The value of y is got is corrected by another formula known as corrector formula.