NO

YES

Application

Modify Formula?

Change Method?

Improve Algorithms?

Application

Validation?

Implementation

Formula: F(x)=Yn+(u\*nabla5)+((u\*(u+1)\*nabla2y4)/2!)+((u\*(u+1)\*(u+2)\*nabla3y3)/3!)+((u\*(u+1)\*(u+2)\*(u+3)\*nabla4y2)/4!)+((u\*(u+1)\*(u+2)\*(u+3)\*(u+4)\*nabla5y1)/5!)+((u\*(u+1)\*(u+2)\*(u+3)\*(u+4)\*(u+5)\*nabla6y0)/6!)

Numerical Analysis

Newton Backward Interpolation Formula

Mathematical Method