

# SOME CONCERNS ABOUT ASYMPTOTIC STABILITY ACCURACY OF DIFFERENCE SCHEMES

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## **Abstract**

It is proposed a difference scheme absolutely asymptotic stable, with the second order of asymptotic accuracy. It is proved that there is no schemes with these proprieties in the class of difference schemes with alternating weight multipliers .

**Keywords:** accuracy, asymptotic stability.

**CR Categories:** G.I.7, G.I.8, F.2.3..