SOME INTEGRAL INEQUALITIES IN TWO INDEPENDENT VARIABLES ON TIME SCALES

TONGLIN WANG AND RUN XU

Abstract. The aim of the present paper is to investigate some integral inequalities in two independent variable on time scales, which unify and extend some integral inequalities and their corresponding discrete analogues. The inequalities given here can be used as handy tools to study the properties of certain partial dynamic equations on time scales.

Keywords and phrases: dynamic equations, integral inequalities, time scales, two independent variables.

REFERENCES
