1014-34-495 **Christopher C Tisdell*** (`cct@maths.unsw.edu.au`), School of Mathematics, UNSW, 2052 Sydney, NSW, Australia. *On the distinctions between "continuous" boundary value problems and "discrete" boundary value problems.*

This talk discusses two different types of first-order boundary value problems, namely, those that involve ordinary differential equations; and those that involve difference equations.

Each case is discussed separately with some sufficient conditions presented to ensure the existence of solutions. The sufficient conditions are then compared. (Received September 19, 2005)