

A Generic Analytical Model of Fractance Response in Time Domain

Rawid Banchuin and Roungsan Chaisricharoen

In this research, a generic analytical model of voltage response of fractance in time domain which is often cited in various disciplines such as control engineering and electronic engineering etc., has been proposed. This model can be applied to fractance of any order under any type of current excitation. So, it has been found to be beneficial to various fractance involved disciplines stated above which are the crucial basis in the development of technology for internet of things due to its generality.