

1135-34-3151

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In this paper, the cobweb model in terms of fractional order derivatives reformulated. In particular, we describe a linear cobweb model by using fractional order derivatives. In the developed model we deal with conformable derivative as fractional derivative. Then the general solution as well as the stability criteria of the proposed model is given. Finally the developed model is illustrated with some examples. (Received September 26, 2017)