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EQUIVALENT CIRCUIT AND FUNCTION CHARACTERISTICS FOR ROTATING ULTRASONIC TRAVELLING WAVE MOTOR

BY

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Abstract. This paper presents a equivalent circuit model for an ultrasonic traveling wave motor and its application to the determination of motor characteristics. Also for understanding the function mode of this motor there are given a set of graphical results. It is known the fact that at this type of motor there are a set of phenomena which requires some advanced investigations.

Keywords: ultrasonic motor, traveling wave, function characteristics, equivalent circuit.