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(71)Name of Applicant :

1)Mrs. Madhavi Gupta

Address of Applicant :Assistant Professor, Department of Electrical Engineering, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad -----

2)Dr. Neelu Trivedi

3)Dr. Puneet Khanna

4)Mr. Sanjeev Kumar Singh

5)Mr. Ankit Agarwal

6)Dr. Hitesh Joshi

7)Mr. Shalabh Gaur

8)Mrs. Swati Singh

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Mrs. Madhavi Gupta

Address of Applicant :Assistant Professor, Department of Electrical Engineering, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad -----

2)Dr. Neelu Trivedi

Address of Applicant :Department of Electronics and Communication, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad -----

3)Dr. Puneet Khanna

Address of Applicant :Associate Professor, Department of Electronics & Communication Engineering, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102. Moradabad -----

4)Mr. Sanjeev Kumar Singh

Address of Applicant :Assistant Professor, Department of Electronics & Communication Engineering, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102. Moradabad -----

5)Mr. Ankit Agarwal

Address of Applicant :Assistant Professor, Department of Electrical Engineering, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102. Moradabad -----

6)Dr. Hitesh Joshi

Address of Applicant :Assistant Professor, Department of Electrical Engineering, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102. Moradabad -----

7)Mr. Shalabh Gaur

Address of Applicant :Assistant Professor, Department of Electrical Engineering, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102. Moradabad -----

8)Mrs. Swati Singh

Address of Applicant :Assistant Professor, Department of Electronics & Communication Engineering, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102. Moradabad -----

(57) Abstract :

The present invention relates to a method (100) for the study of cordic algorithm. The method (100) comprises collect information about cordic algorithm; study detailed on various modes of CORDIC algorithm; generate information about the various modes of the CORDIC algorithm and how it can be used to find the sine, cosine, tan and logarithm functions, its use in conversion of coordinate systems; find all the sine and cosine of any angle; simulate results prove the fact that the hardware complexity gets reduced by using the CORDIC algorithm; generate a large no of plots for different functions; implementation in DCT is carried out; and obtain results in line with those of the theoretical values.

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