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Academic Qualification:

2002-2005 Ph.D/Applied Mathematics/Wuhan University

Teaching Area

Calculus Linear Algebra Advanced Mathematics Medical Statistics

Research Area

Fractal Geometry and its Applications

Working Experience

2022.7- Professor/Faculty of Innovation Engineering /Macau University of Science and Technology

2013.7- Program Co-ordinator of Maths Team/DGE-FIE/Macau University of Science and Technology

2015.7- 2022.6 Associate Professor/Faculty of Information Technology/Macau University of Science and Technology

2007.9-2015.6 Assistant Professor/DGE/Macau University of Science and Technology

2005.9-2007.8 Postdoctoral Fellow/ Nanjing University

Academic Publication (selected)

Y. Han, S.Xu and **C.Ma***, Generalized Kannan-type contraction and fixed point theorems, Appl. Math. J. Chinese Univ.2023, 38(2): 235-247.

C.Ma,S.Pe, and et al, Disparity estimation based on fusion of vision and LiDAR, International Journal of Wavelets, Multiresolution and Information Processing, 2022, Vol. 20, No. 05, 2250014.

Q.Xiao, **C.Ma** and

Mathematics, Basel Vol. 10, Iss. 1, (2022): 127.

C.Ma, L.Shen, and et al, Synaptic cleft segmentation method based on fractal dimension for ATUM-SEM image of mouse cortex, International Journal of Wavelets, Multiresolution and Information Processing, 2022, Vol. 20,

L.Huang, **C.Ma***, A dimensional result on the product of consecutive partial quotients in continued fractions, Journal of the Australian Mathematical Society, Oct 2021, 113(3), 357-385.

M. Zhang, **C.Ma***, On the exceptional sets concerning the leading partial quotient in continued fractions, JOURNAL OF

Y.Han, **C.Ma***, Uniform Diophantine approximation to Cantor series expansion. FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY, 2021, Vol. 29, No. 07, 2150206.

F.Jing **C.Ma** and

C.Ma, B.Wang and J.Wu, Diophantine Approximation of the Orbits in Topological Dynamical Systems, Discrete and Continuous Dynamical Systems, May 2019, 39(5): 2455-2471.

C.Ma*, S.Zhang, Jarnik's Theorem Without the Monotonicity on the Approximating Function, FRACTALSCOMPLEX

H.Deng,

