

## Lecturer YU, CUIE

Department of Engineering Science, Faculty of Innovation Engineering  
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### Academic Qualification:

2020-2023 Doctor of Science / Computer Technology and Application / Macau University of Science and Technology  
2004-2007 Master of Science / Applied Mathematics / South China University of Technology  
2000-2004 Bachelor of Science / Mathematics and Applied Mathematics / HuBei University

### Teaching Area

Linear Algebra, Applied Mathematics, Calculus, PU mathematics

### Research Area

Generalized Quaternion Algebra, Quaternion Matrix, Tensor Decompositions and Applications

### Working Experience

2007-present, Lecturer of Macau University of Science and Technology

### Academic Publication ( selected )

1. Cui-E Yu, Xin Liu & Yang Zhang, On Elliptic Biquaternion Matrices, Adv. Appl. Clifford Algebras, 31, 5 (2021) (SCI)
2. Cui-E Yu, Xin Liu & Yang Zhang, The generalized quaternion matrix equation  $AXB+CX*D=E$ , Math. Meth. Appl. Sci. 43 (15) 8506-8517 (2021) (SCI)