师姐看过的：

1.Q.Fu 2023 Motion perception based on ON/OFF channels: A survey

2. Q.Fu et al 2019 Towards Computational Models and Applications of insect visual System forMotion Perception: A Review

3. A. Kelkar and j. D. Medaglia 2018 Evidence of brain modularity

4. M. A. Bertolero et al PNAS 2015 The modular and integrative functional architecture of thehuman brain

5, F, CLAIRE RIND and D.1. BRAMWELL 1996 Neural Network Based on the input Organizationof an ldentified Neuron Signaling lmpending Collision

6. Guillermo Gallego et al 2022 Event Based Vision

7. Shigang Yue et al \_2006)\_Collision detection in complex dynamic scenes using an LGMD.based visual neural network with feature enhancement

8. Q.Fu et al 2018 $haping the collision selectivity in a looming sensitive neuron modelwith parallel ON and OFF pathways and spike frequency adaptation

9.Q.Fu et al 2020 A Robust Collision Perception Visual Neural Network with SpecifidSelectivity to Darker Objects

10.Q.Fu et al 2020 |mproved Collision Perception Neuronal System Model With AdaptiveInhibition Mechanism and Evolutionary Learning

11. Li et al 2023 On the Ensemble of Collision Perception Neuron Models Towards UitraSelectivity

12. Q.Hu et al \_2018\_Colias iV The Affordable Micro Robot platform with Bio-inspired Vision13. Q.Hu et al 2017 Bio-nspired Embedded Vision System for Autonomous Micro-RobotsThe LGMD Case

14. Q.Fu et al 2016 Bio-inspired Collision Detector with Enhanced selectivity for GroundRobotic Vision System

15. Shigang Yue and F.Claire Rind\_2013\_Redundan Neural Vision Systems Competing forCollision Recognition Roles

16. Frye 2015 Elementary motion detectors

17.lida, Lambrinos 2000\_Navigation in an autonomous flying robot by using a biologicallyinspired visual odometer

18. Shigang Yue et al\_2013\_Postsynaptic Organizations of Directional Selective Visual Neura!Networks for Collision Detection

Fu :

[1] Q. Fu, C. Hu, J. Peng, F. C. Rind, S. Yue, “A robust collision perception visual neural network with specific selectivity to darker objects”, IEEE Transactions on Cybernetics, vol. 50, no. 12, pp. 5074-5088, 2020. //Downloaded with PDF

[2] Q. Fu, C. Hu, J. Peng, S. Yue, “Shaping the collision selectivity in a looming sensitive neuron model with parallel ON and OFF pathways and spike frequency adaptation”, Neural Networks, vol. 106, pp. 127-143, 2018. //Downloaded with PDF

[3] Q. Fu, S. Yue, “Modelling Drosophila motion vision pathways for decoding the direction of translating objects against cluttered moving backgrounds”, Biological Cybernetics, vol. 114, pp. 443-460, 2020.

[4] Q. Fu, H. Wang, C. Hu, S. Yue, “Towards computational models and applications of insect visual systems for motion perception: A review”, Artificial Life, vol. 25, no. 3, pp. 263-311, 2019.

[5] H. Wang, Q. Fu, H. Wang, P. Baxter, J. Peng, S. Yue, “A bioinspired angular velocity decoding neural network model for visually guided flights”, Neural Networks, vol. 136, pp. 180-193, 2021.

[6] Q. Fu, H. Wang, J. Peng, S. Yue, “Improved collision perception neuronal system model with adaptive inhibition mechanism and evolutionary learning”, IEEE Access, vol. 8, pp. 108896-108912, 2020.

[7] Q. Fu, X. Sun, T. Liu, C. Hu, S. Yue, “Robustness of Bio-Inspired Visual Systems for Collision Prediction in Critical Robot Traffic”, Frontiers in Robotics and AI, 8: 529872, 2021.

[8] H. Isakhani, N. Bellotto, Q. Fu, S. Yue, “Generative design and fabrication of a locust-inspired gliding wing prototype for micro aerial robots”, Journal of Computational Design and Engineering, vol. 8, no. 5, pp. 1191-1203, 2021.

[9] H. Luan, Q. Fu, Y. Zhang, M. Hua, S. Chen, S. Yue, “A looming spatial localization neural network inspired by MLG1 neurons in the crab Neohelice”, Frontiers in Neuroscience, 15: 787256, 2022.

[10] T. Liu, X. Sun, C. Hu, Q. Fu, S. Yue, “A multiple pheromone communication system for swarm intelligence”, IEEE Access, vol. 9, pp. 148721-148737, 2021.