所有程序，包括子程序均为本人编写，仅供内部参考。

Hu, Y., Lu, J., & Qiu, X. (2015). A maximum likelihood direction of arrival estimation method for open-sphere microphone arrays in the spherical harmonic domain. *The Journal of the Acoustical Society of America*, *138*(2), 791-794.

Simulation\_SinFre\_PWD.m：球谐域单频平面波分解(PWD)算法仿真，对应论文Figure1(a)

Simulation\_SinFre\_MUSIC.m：球谐域单频MUSIC算法仿真，对应论文Figure1(b)

Simulation\_SinFre\_DAS.m：球谐域单频延时求和(DAS)算法仿真，对应论文Figure1(c)

Simulation\_SinFre\_SHMLE.m：球谐域单频最大似然(SHMLE)算法仿真，对应论文Figure1(d)

Simulation\_Broadband\_SHMLE.m：球谐域最大似然宽带声源定位仿真，处理仿真生成的白噪声信号，对应论文Figure2

Experiment\_SinFre\_SHMLE.m：球谐域最大似然单频声源定位，处理消声室和视听室中单频实验数据，对应论文Figure4(a)和图5(a)

Experiment\_Broadband\_SHMLE.m ：球谐域最大似然宽带声源定位，处理消声室和视听室中宽带实验数据，对应论文图4(b) 和Figure5(b)