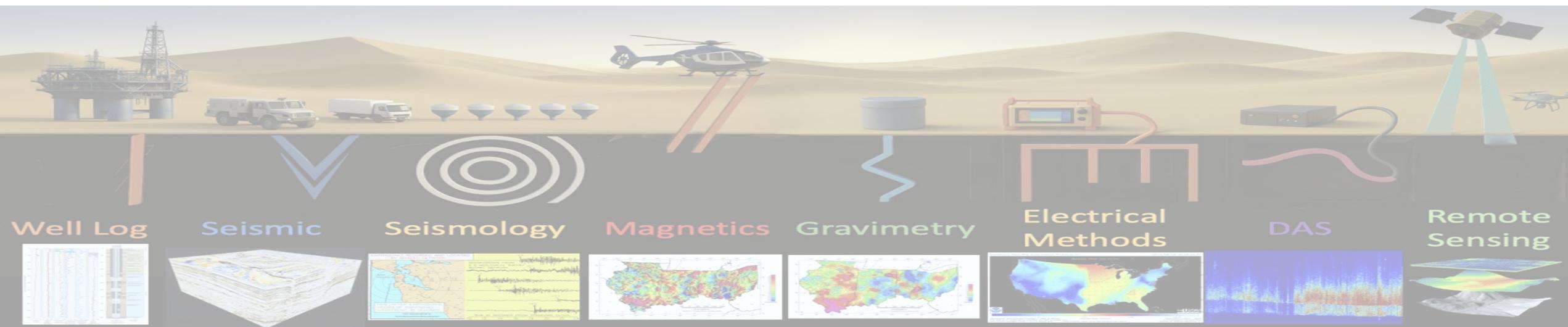


# 重磁电数据处理与解释

## 上机实验二 重磁异常处理

中国石油大学（北京）地球物理学院  
陈 涛

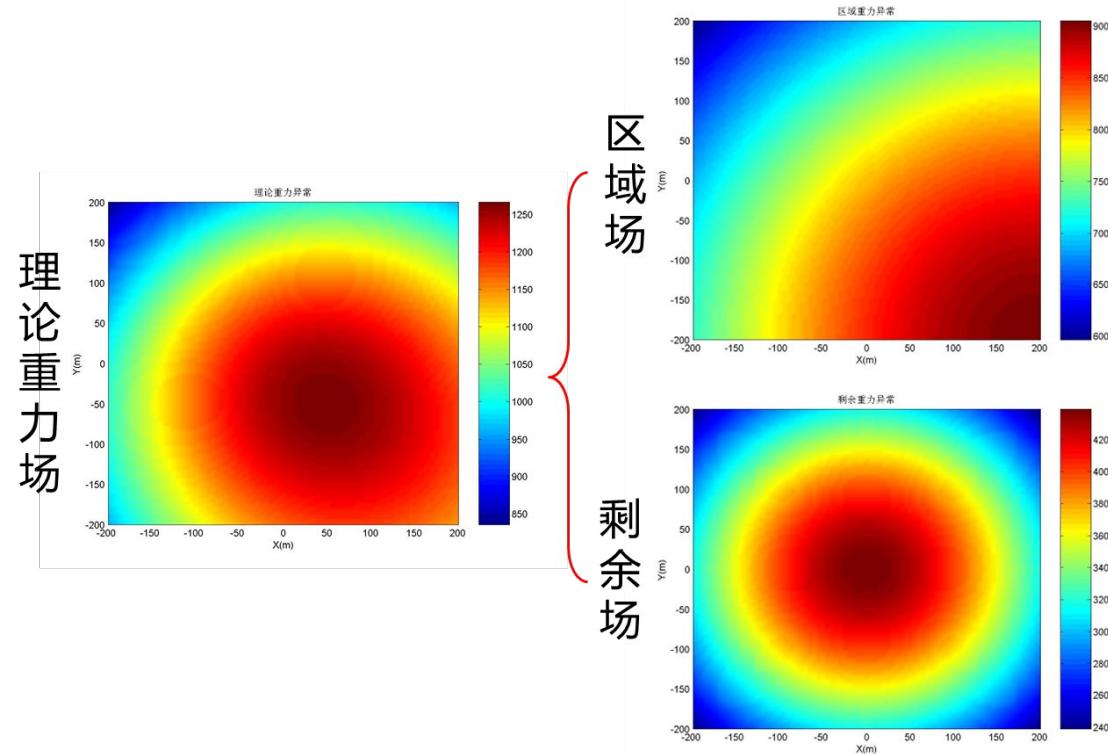
GeoGoku



# 实验1

GeoGoku

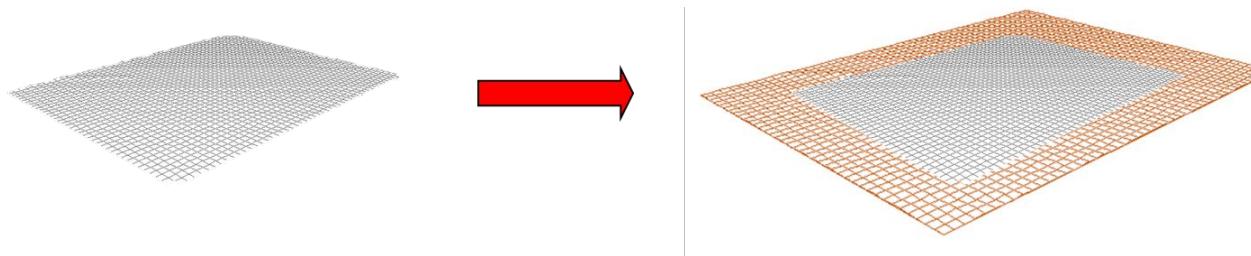
- (1) 构建多个密度体、模拟区域场和局部场
- (2) 利用趋势分析法进行场分离，选择最优阶数
- (3) 分析场分离效果



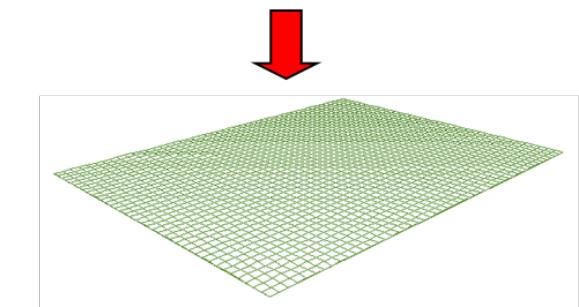
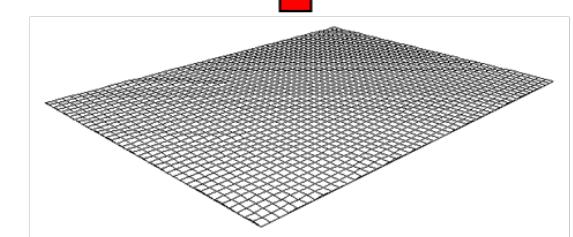
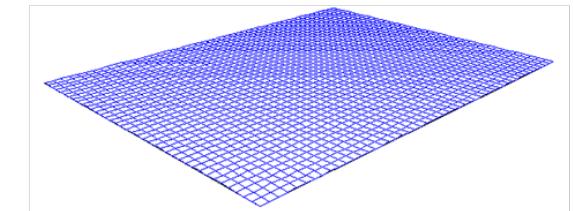
# 实验2

GeoGoku

- (1) 构建区域场和局部场，进行向上和向下延拓，理解他们的作用
- (2) 实现基于余弦变换的扩边



Upward Continuation

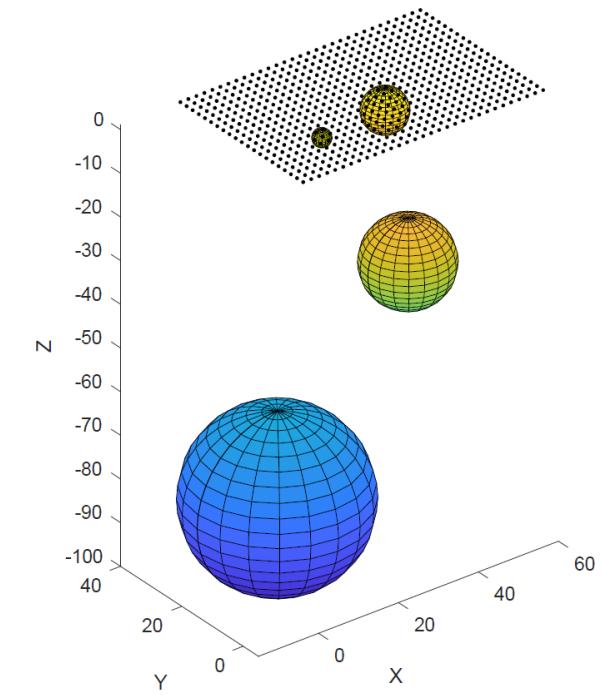
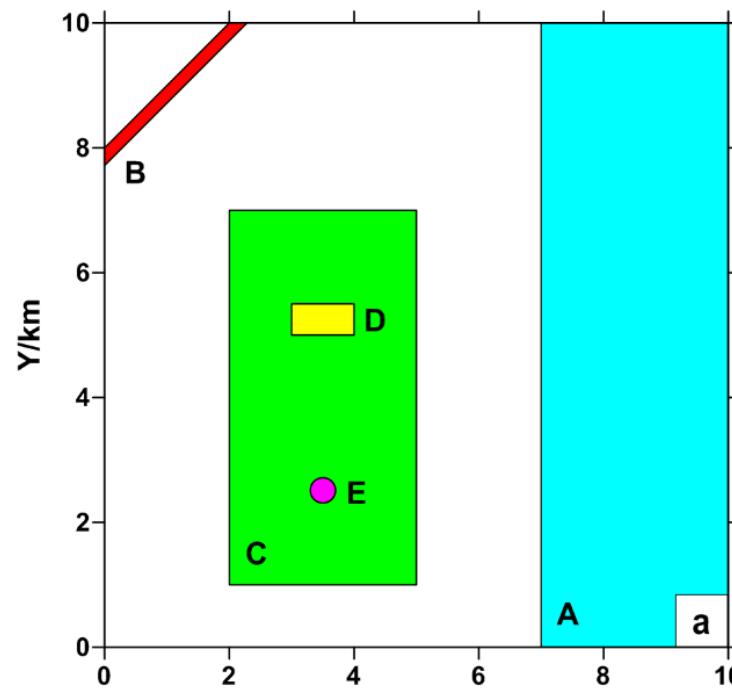
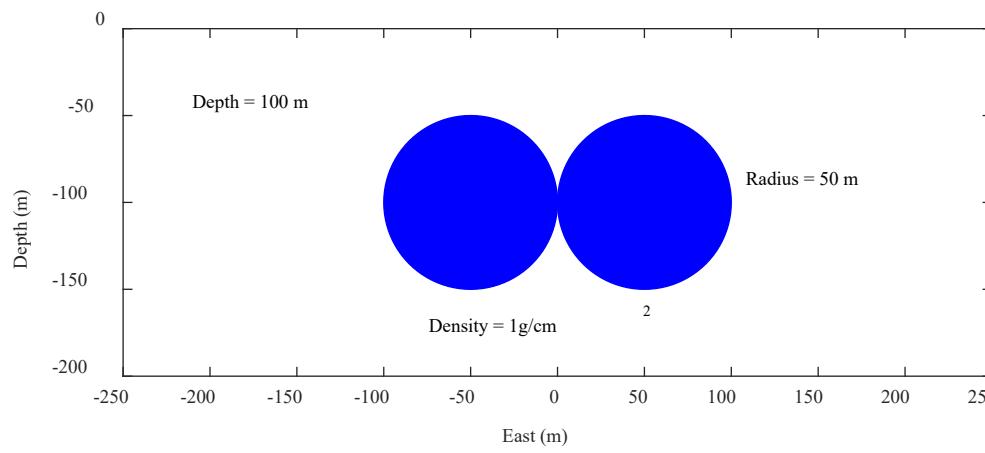


Downward Continuation

# 实验3

GeoGoku

构建密度体，理解导数的三个作用





课程结束

陈涛

图片来自沈金松