The problem requires us to develop a model to analyze worn stairs, determining usage frequency, travel direction, number of users, age, repairs, material source, and consistency with historical data, and to propose non-destructive cost-effective measurement methods.Our work mainly includes the following:

1. 提出一个non-destructive，low-cost的测量指导来获取老旧楼梯的信息，用于为建立模型提供数据。