



含串补电容的线路继电保护运行与整定
张勇

摘要: 输电线路装设串联补偿电容后, 带来的最大问题是对继电保护的影响。通过对串补电容装置主接线、工作原理的介绍, 详细分析了串补电容的出现对各类继电保护运行的影响。结合现行规程, 提出了串补电容线路及相邻线路继电保护的整定原则及方法并结合示例予以阐明

关键词: 串补电容; 继电保护; 运行; 整定

Operation and Setting of Relaying Protection for Lines with Serial Capacitors

ZHANG Yong

Abstract: The most serious problem of lines equipped with serial capacitor is the effect to relaying protection. The main configuration and principles of serial capacitor are first introduced in this paper. Then the effect of serial capacitor to various relay protection is detail analyzed. Principles and methods of Relaying protection setting for line with serial capacitor are proposed according to current technical code. Examples of experienced system are given finally.

Key words: serial capacitor; relaying protection; operation; setting

点击此处下载

关闭窗口