

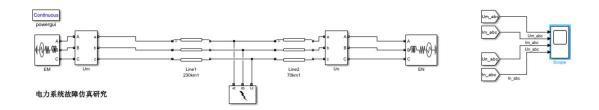
电力系统综合设计

设计题目: 电力系统继电保护仿真研究

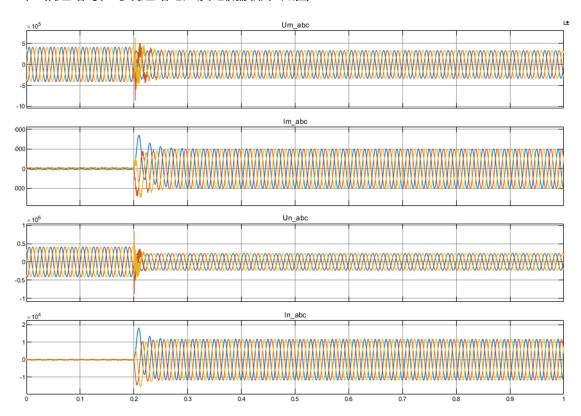
姓	名:	
班	级:	
学	号:	
指导教师:		
成绩评定:		

电力系统故障仿真研究

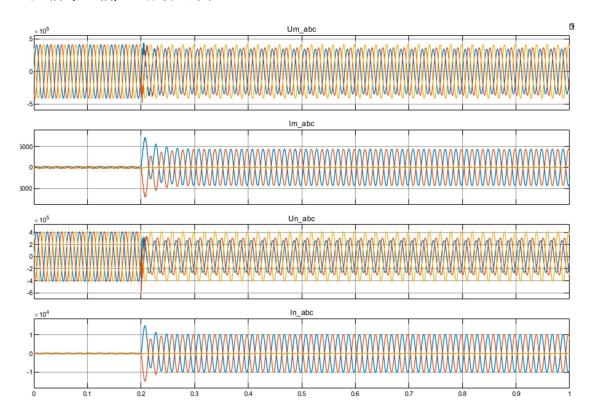
搭建 500KV 双电源供电的系统模型,如图:



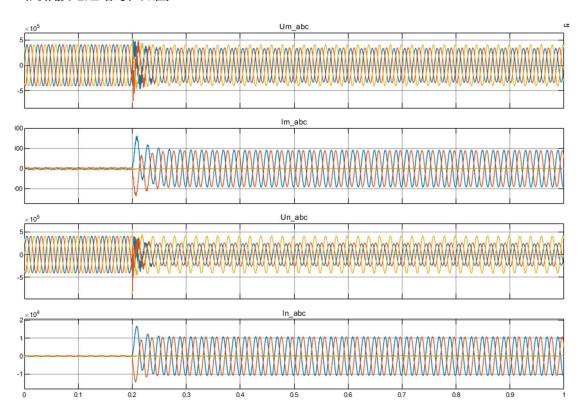
当三相短路时,母线短路电压及电流波形,如图:



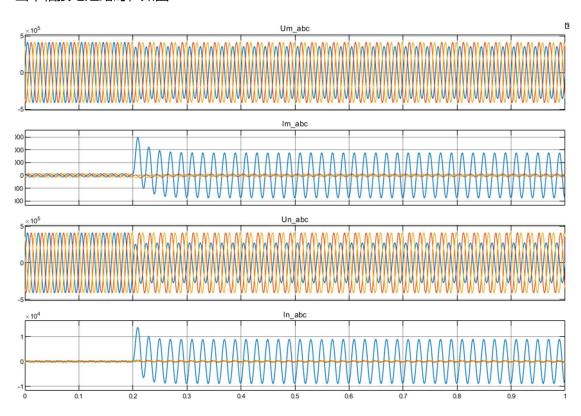
当两相 (AB相) 短路时, 如图:



当两相接地短路时,如图:

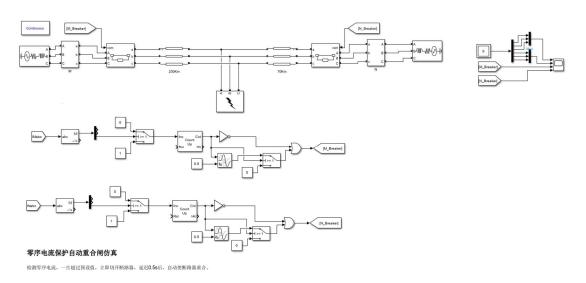


当单相接地短路时,如图:

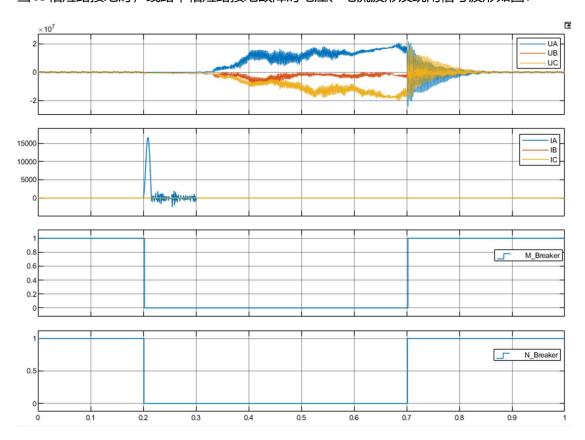


零序电流保护自动重合闸仿真研究

用到的模型如图:

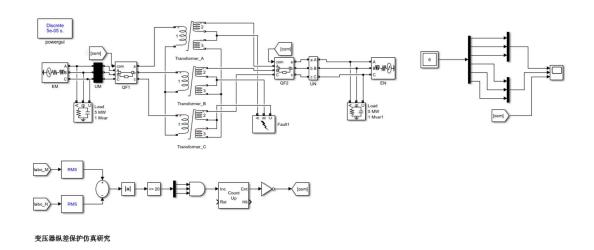


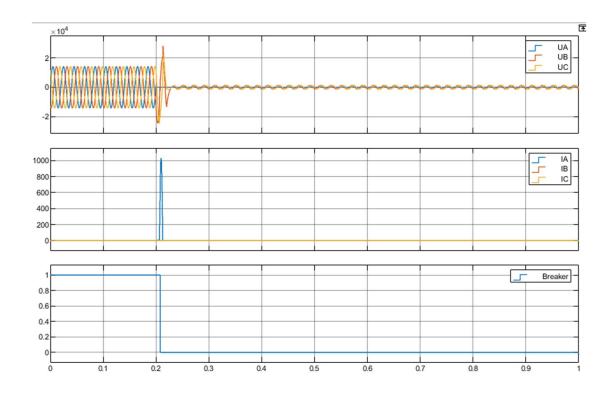
当 A 相短路接地时,线路单相短路接地故障时电压、电流波形及跳闸信号波形如图:



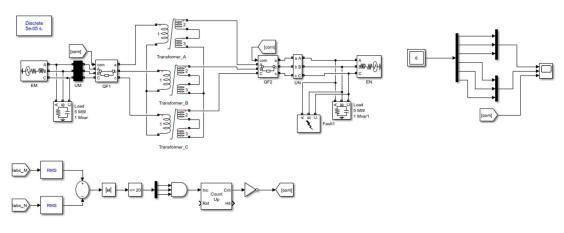
变压器纵差保护仿真研究

区内单相短路故障,如图:





区外三相短路故障,如图:



变压器纵差保护仿真研究

