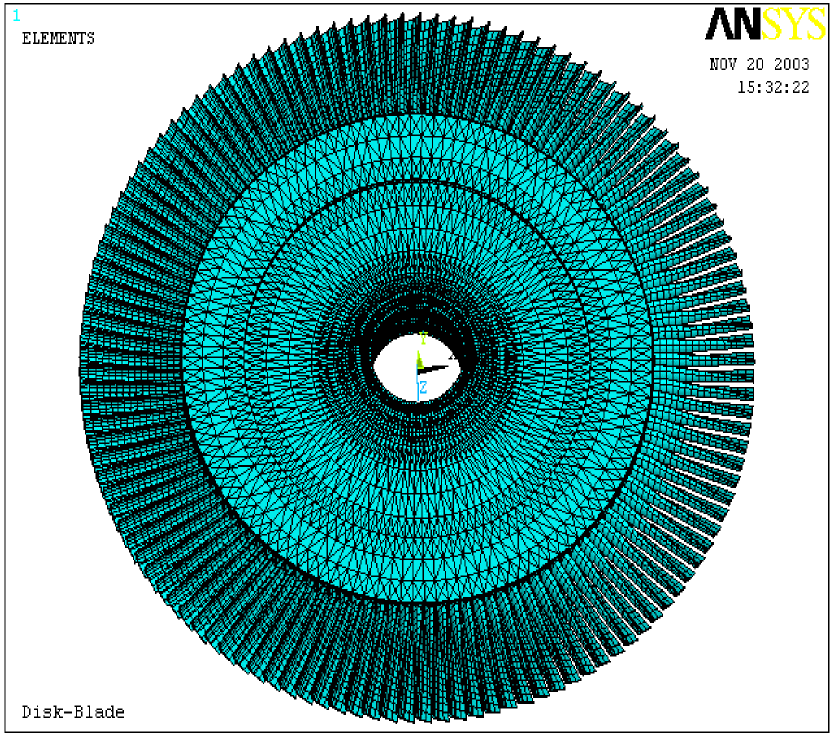
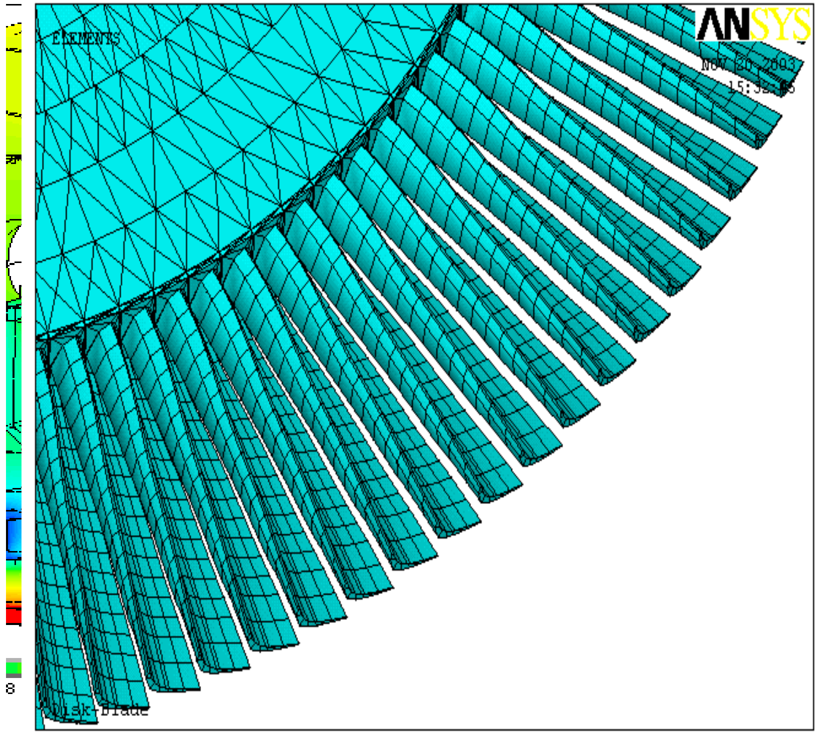
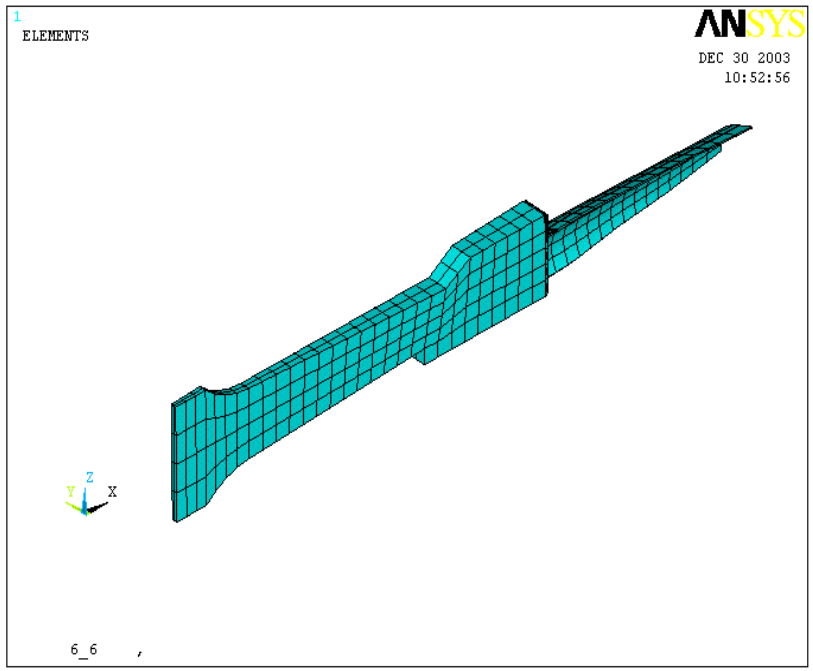
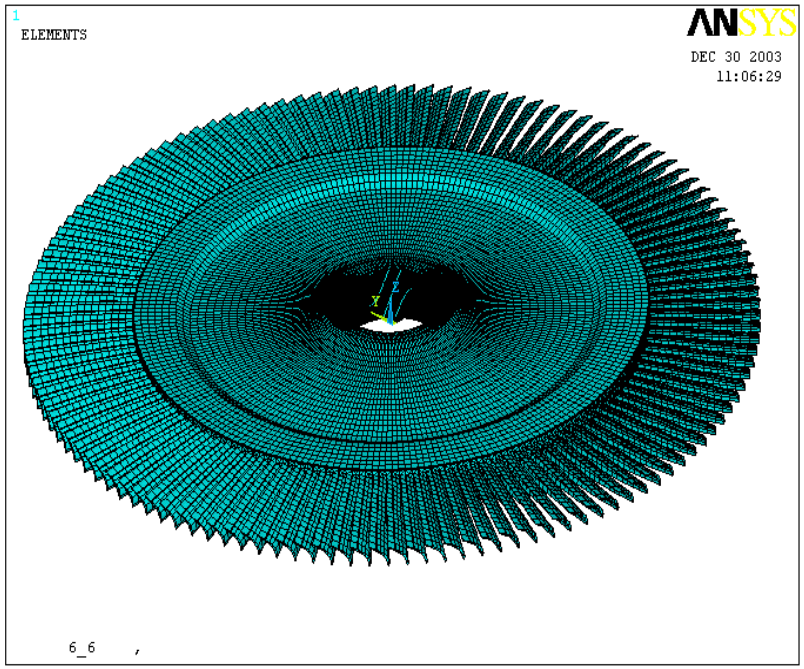




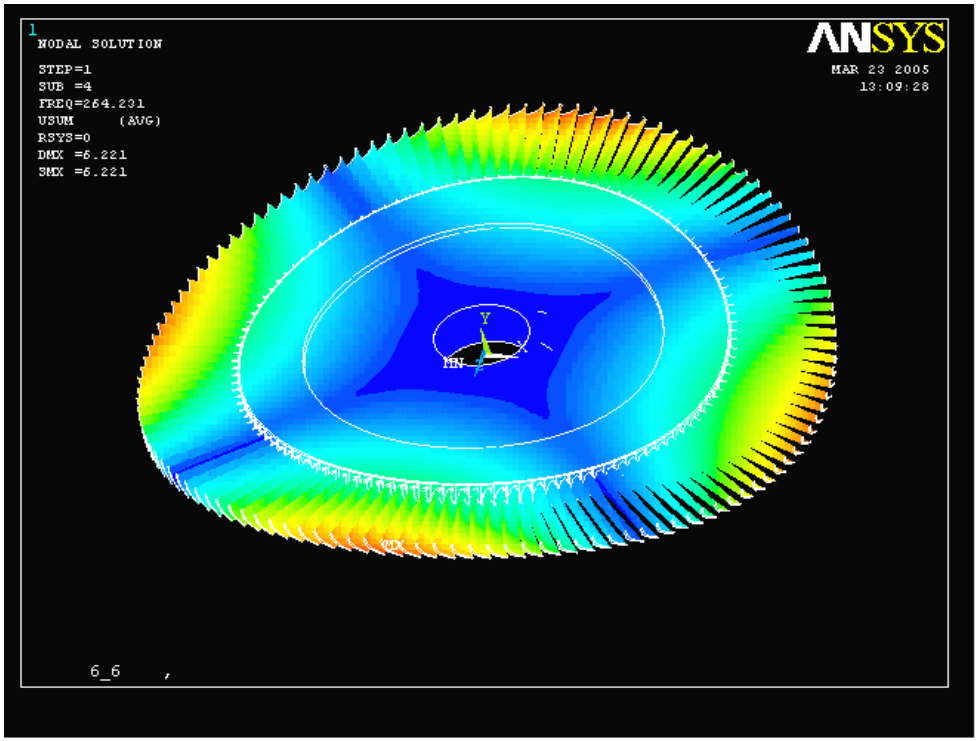
叶轮轮盘整体计算时模型　　　　轮盘与叶片部分模型



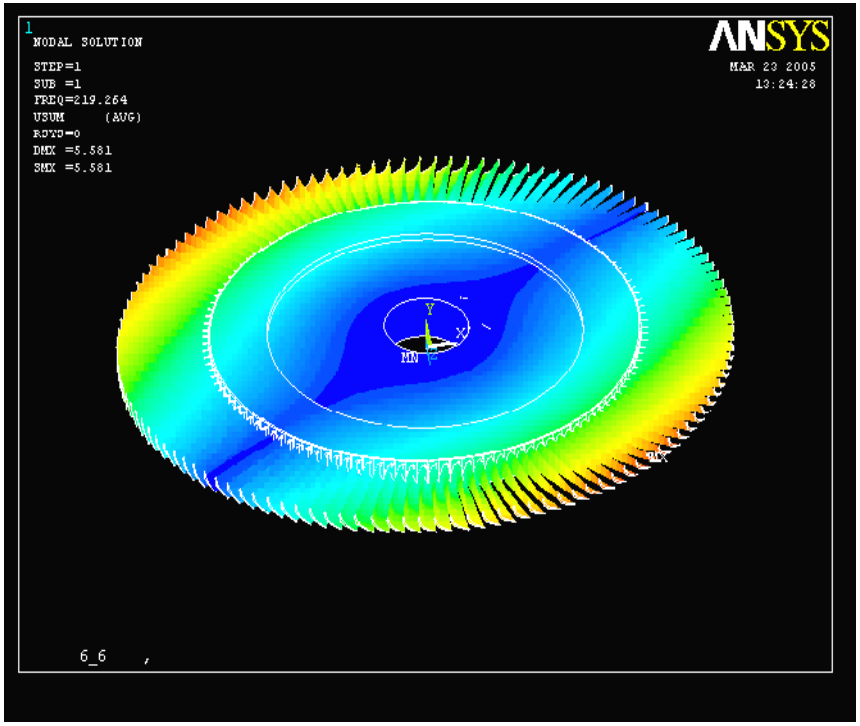
用ANSYS循环对称方法计算时
基本单元体模型



基本单元体展开后模型

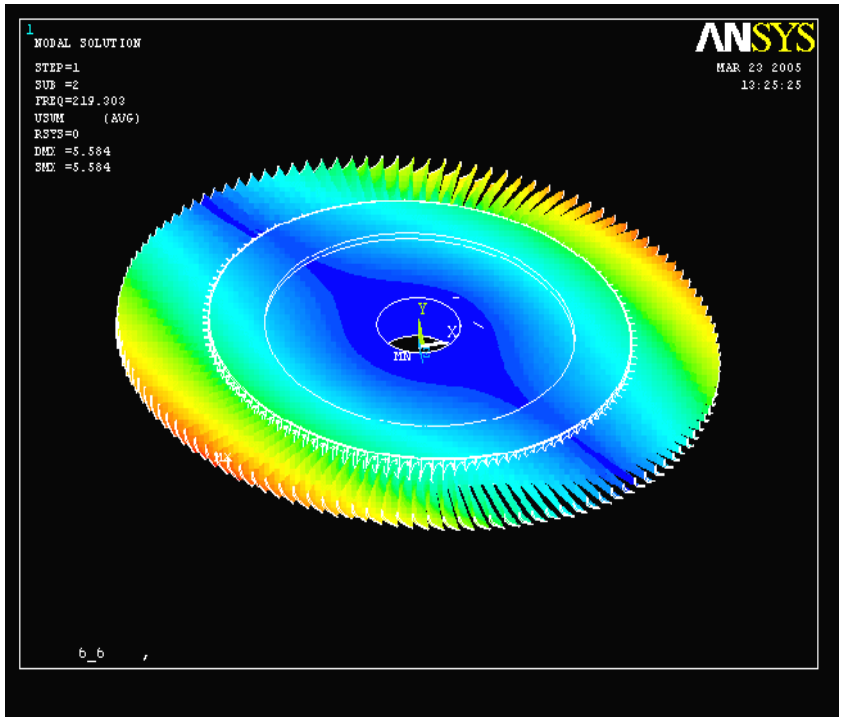


叶片为轴向A0振型轮盘为2节径时的振动情况（264.3 Hz)



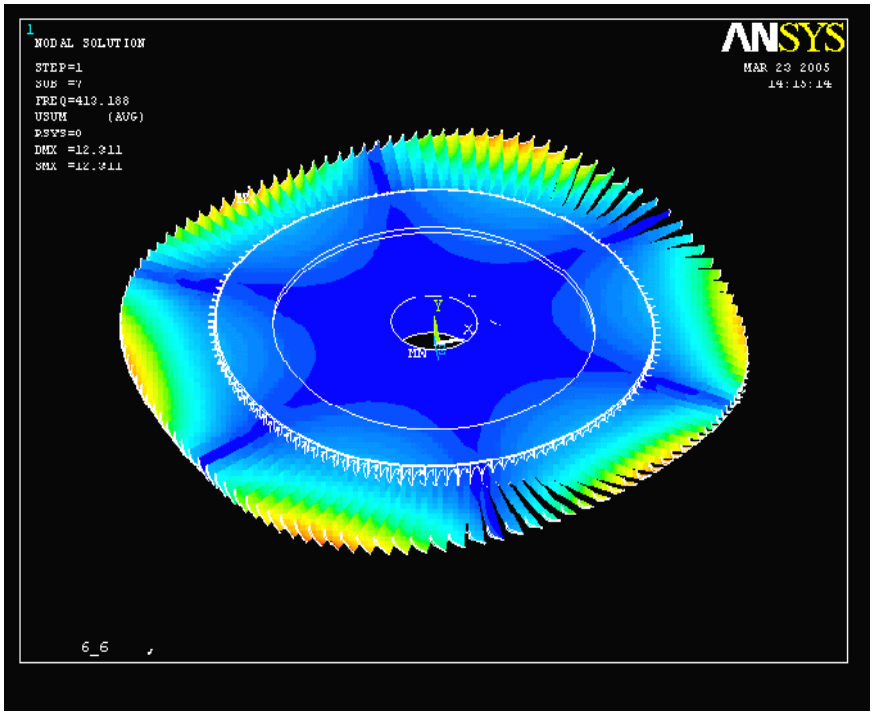
叶片为轴向A0振型轮盘为1节径振动—1

频率为： 219.264 Hz



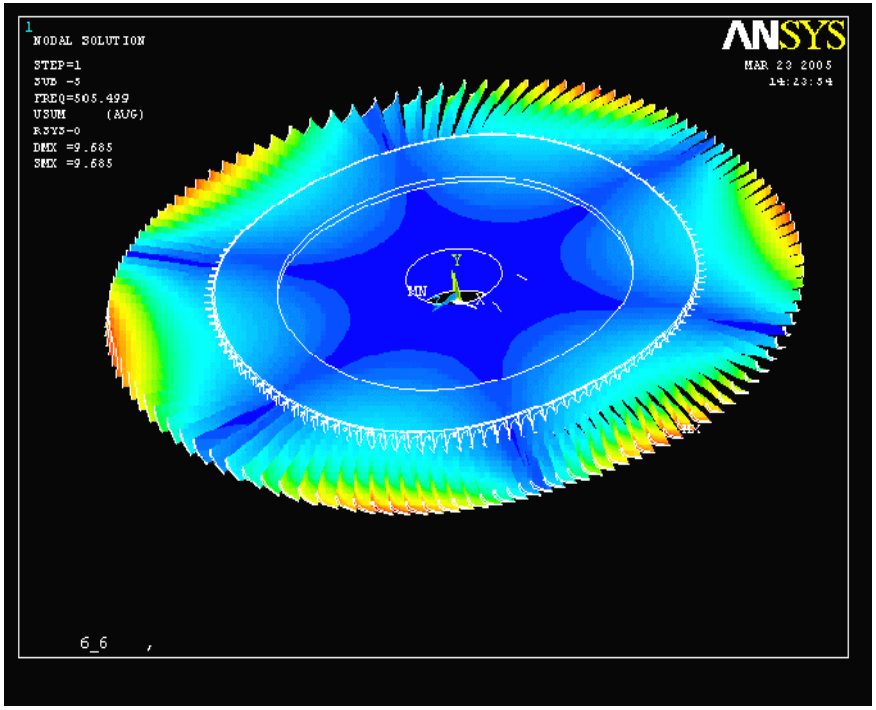
叶片为轴向A0振型轮盘为1节径振动—2

频率为： 219.303 Hz



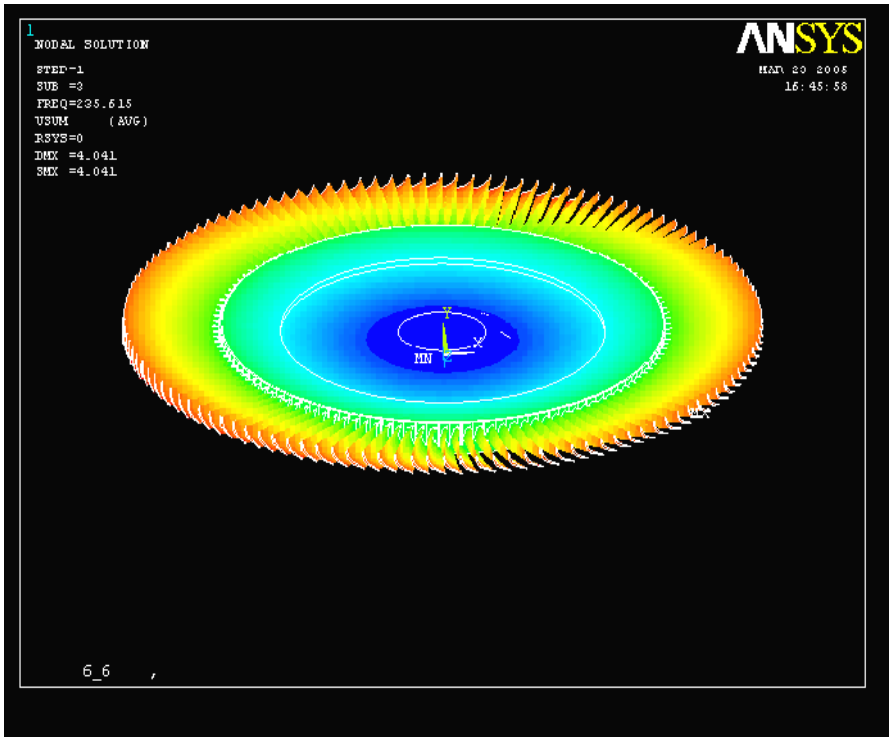
叶片为轴向A0振型轮盘为3节径振动

频率为： **413.188 Hz**

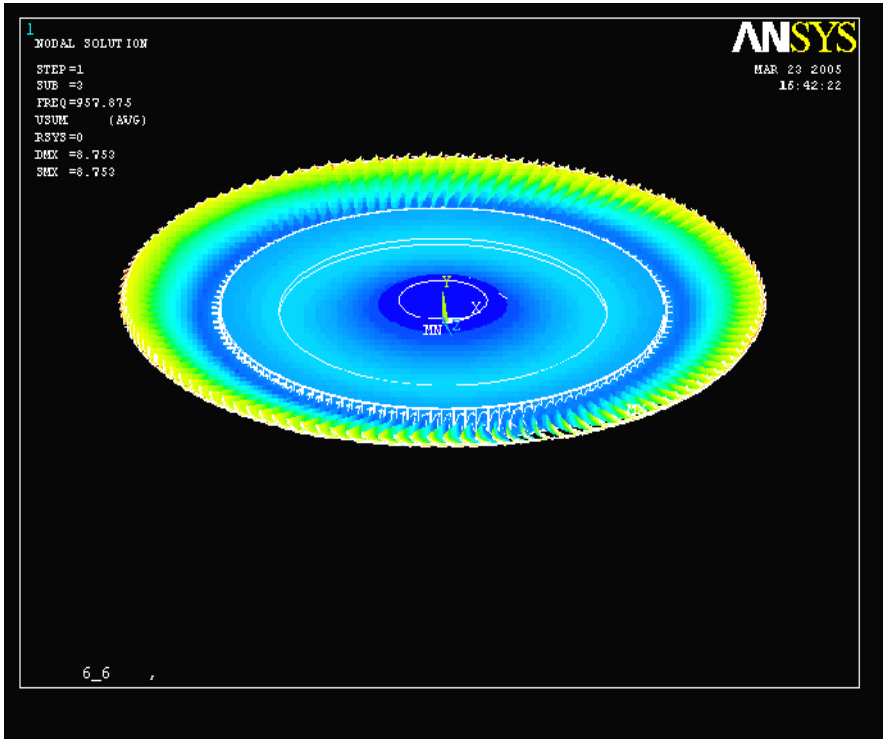


叶片为切向A0振型轮盘为3节径振动

频率为： **505.499 Hz**



轮盘伞振—0节园
频率为：235.615 Hz



轮盘伞振—1节园
频率为： 957.875 Hz