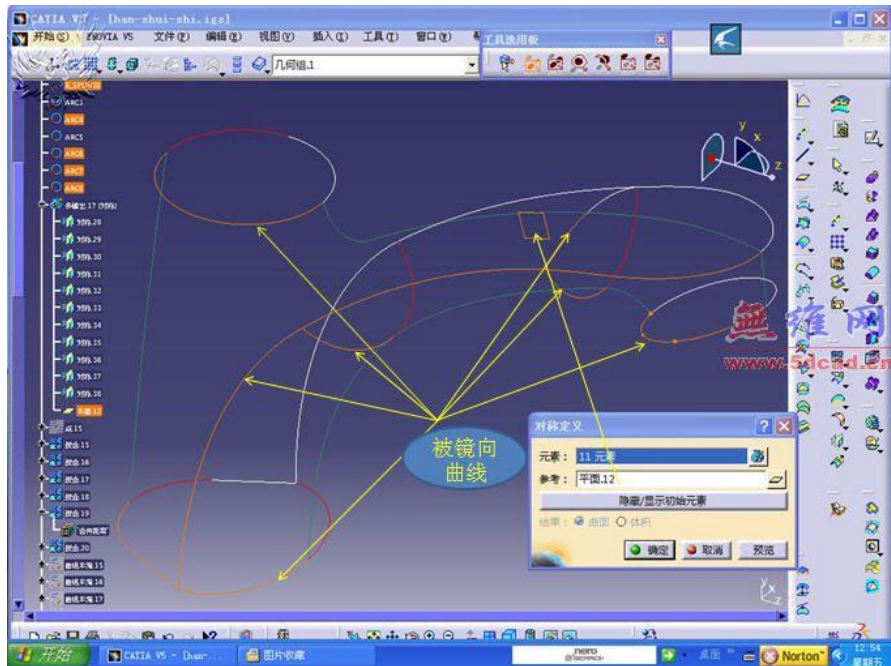


CATIA V5R18 教程

——拆面教程:鸟人系列之水龙头 CATIA 制作方法含视频

作者: 无维网 WUSHENMARS

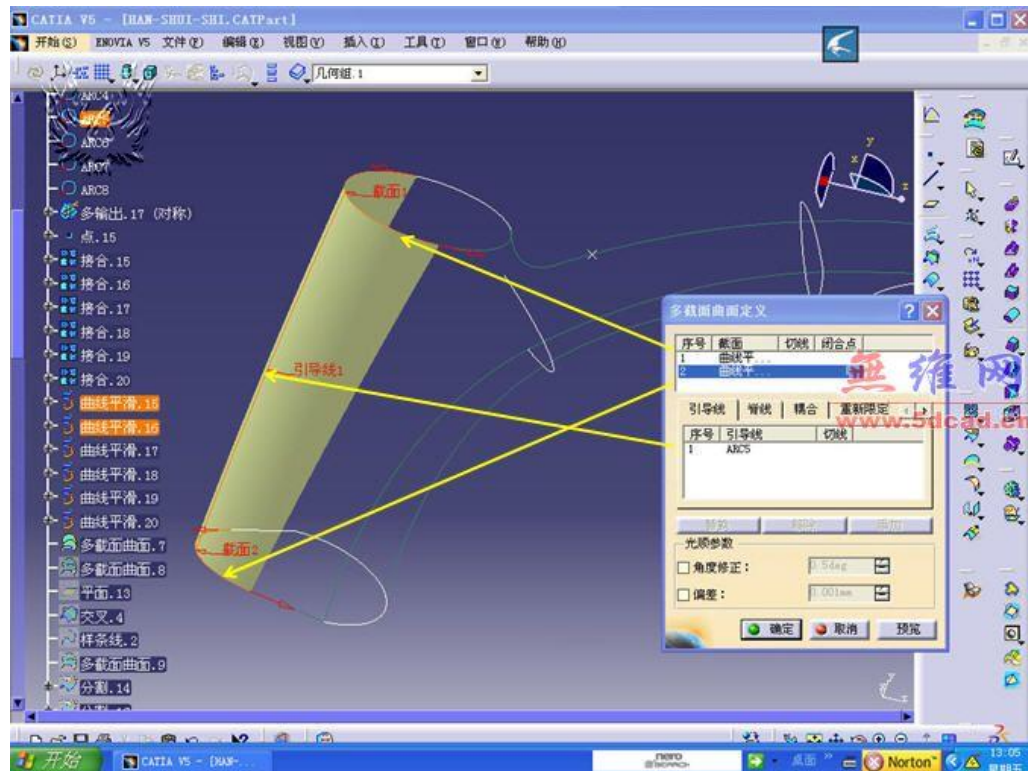
镜向曲线,看整体的线构架



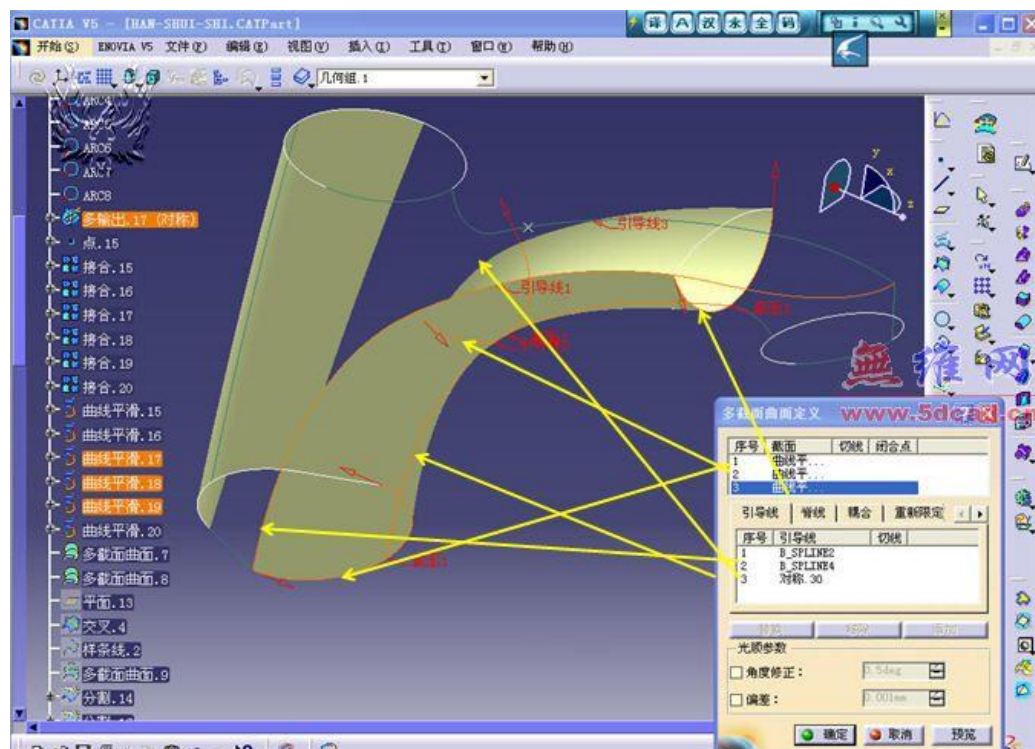
合并曲线,并将这些被合并的曲线做曲线光顺

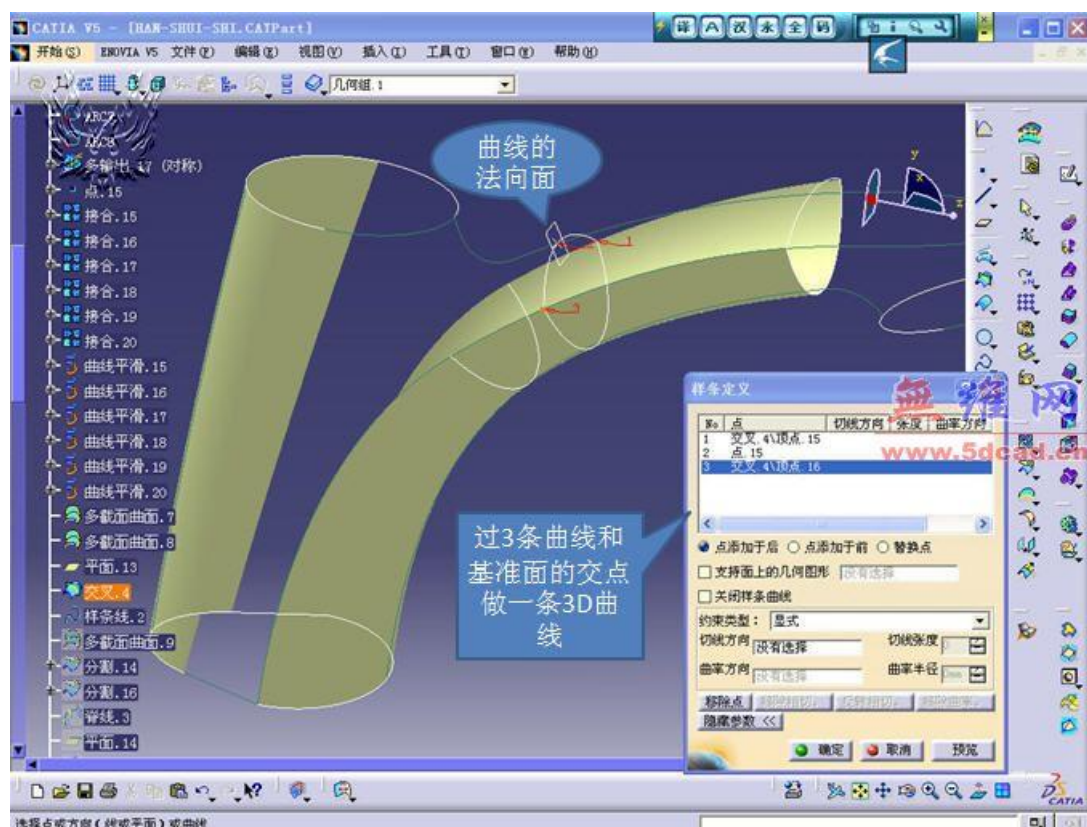


利用多截面扫描做面,注意截面方向一致

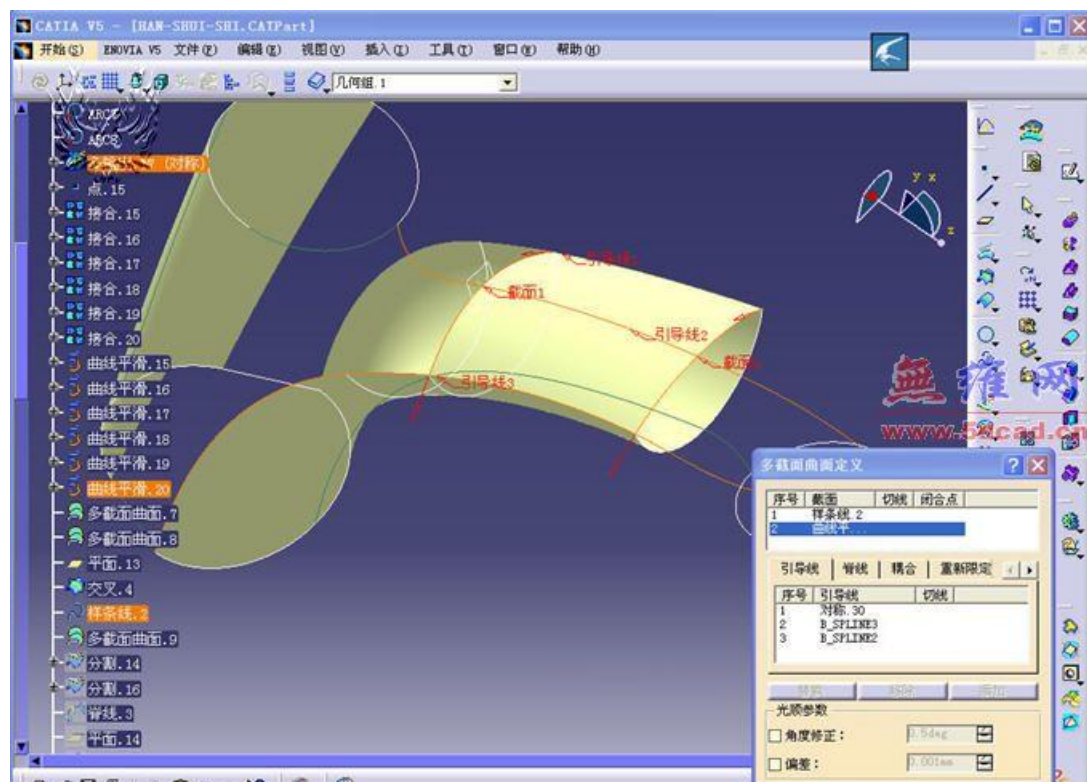


3 条截面和 3 条引导线做的多截面扫描

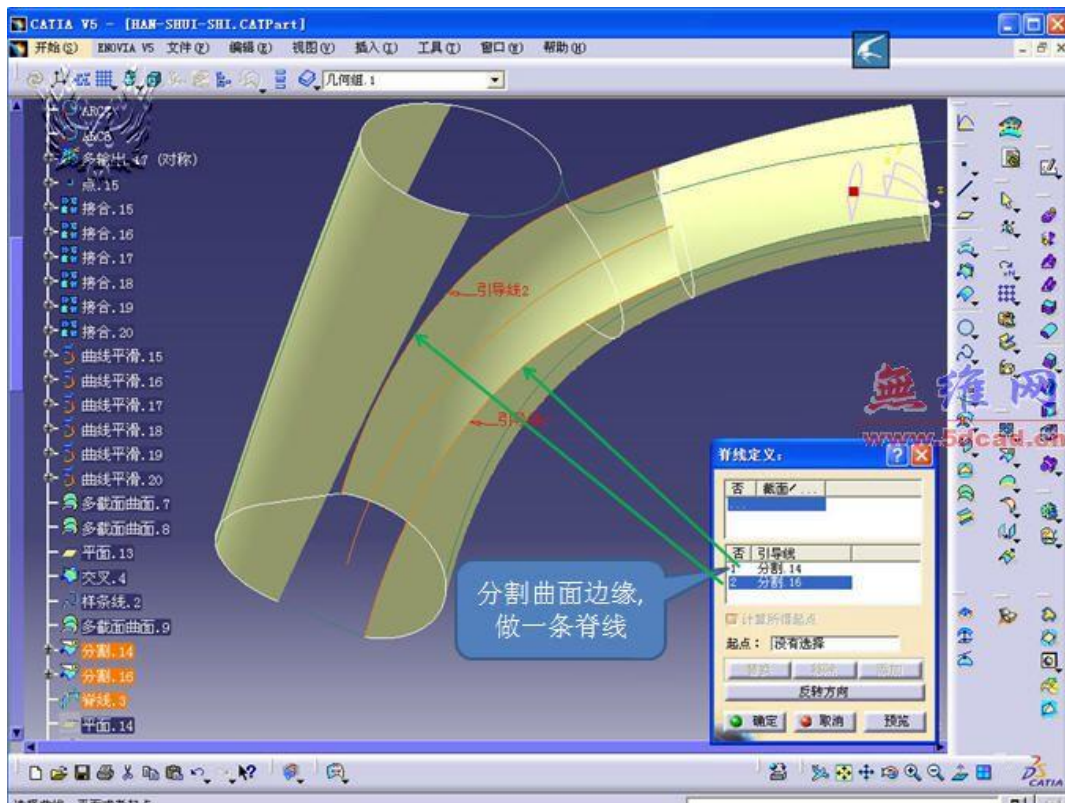




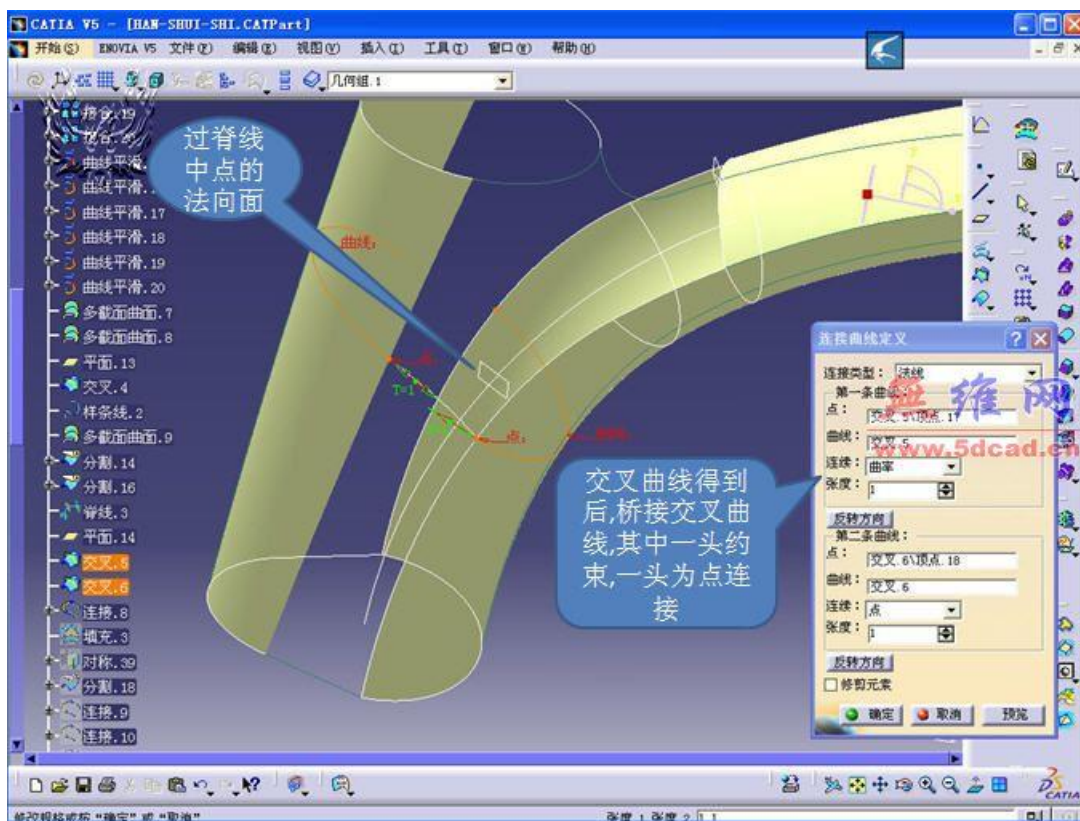
再次做一段多截面扫描,截面 2 条曲线



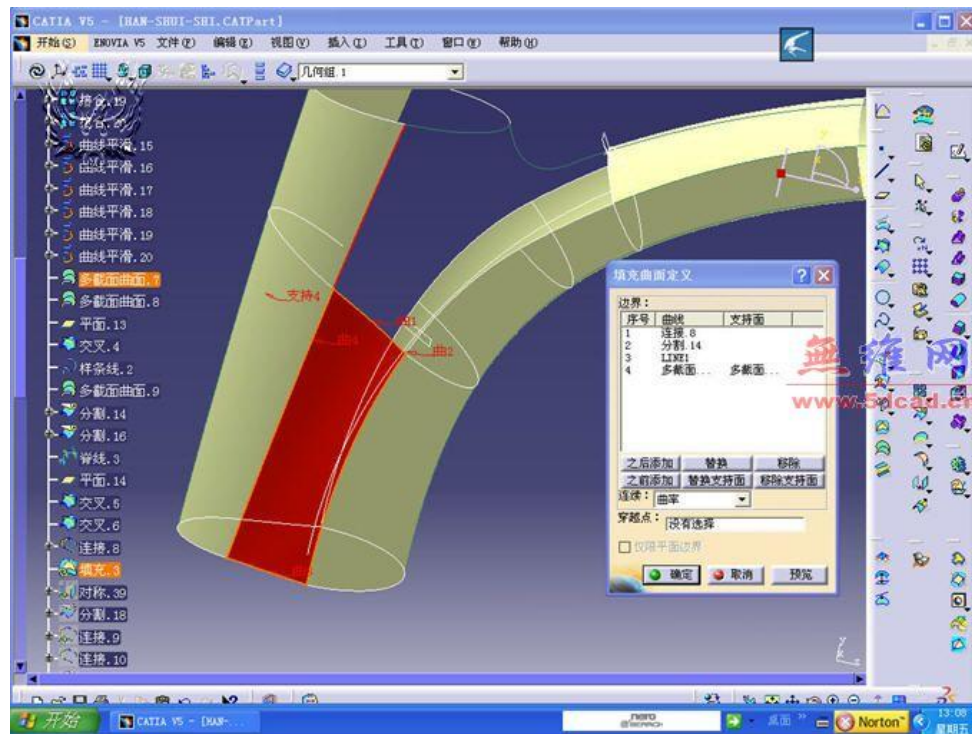
做一条脊线



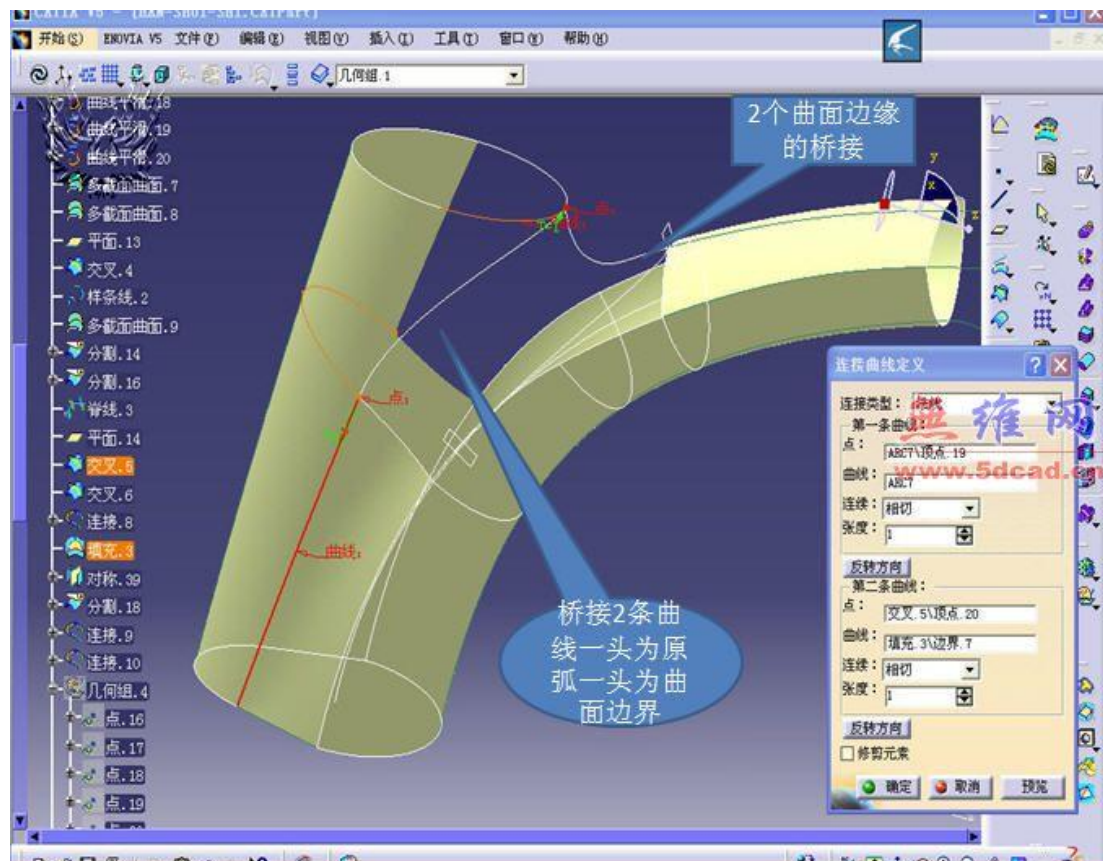
利用相交曲面原理得 2 个交线并做桥接



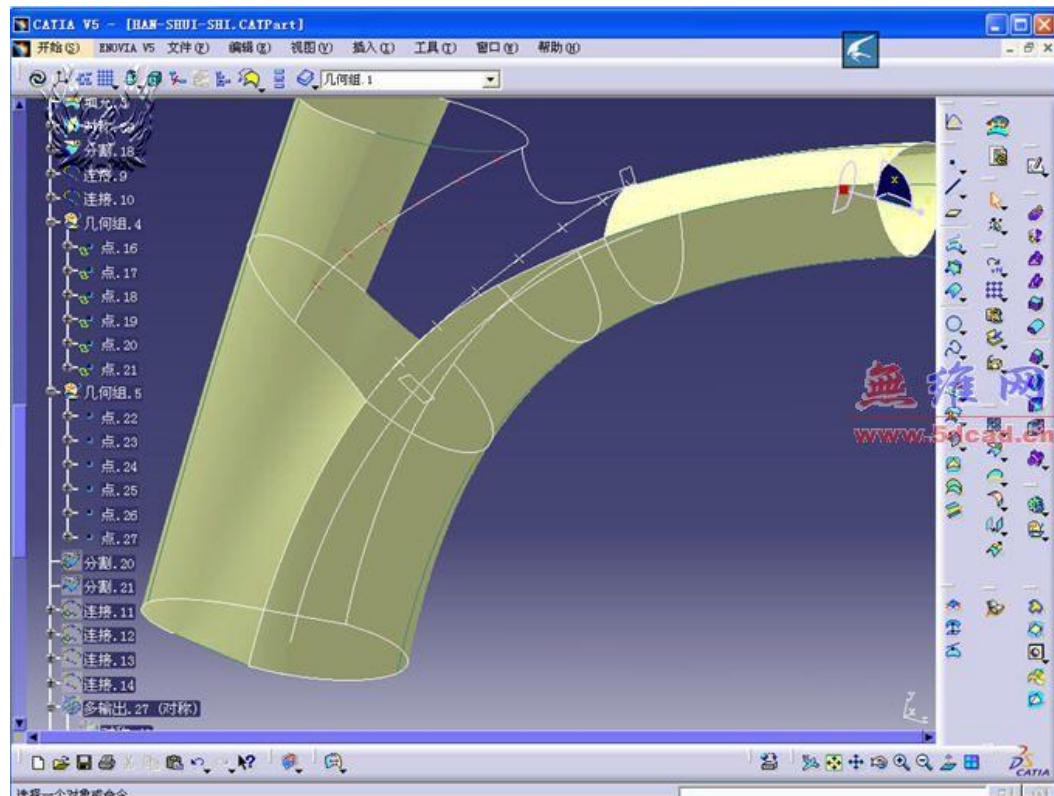
FILL 下面的 4 边面



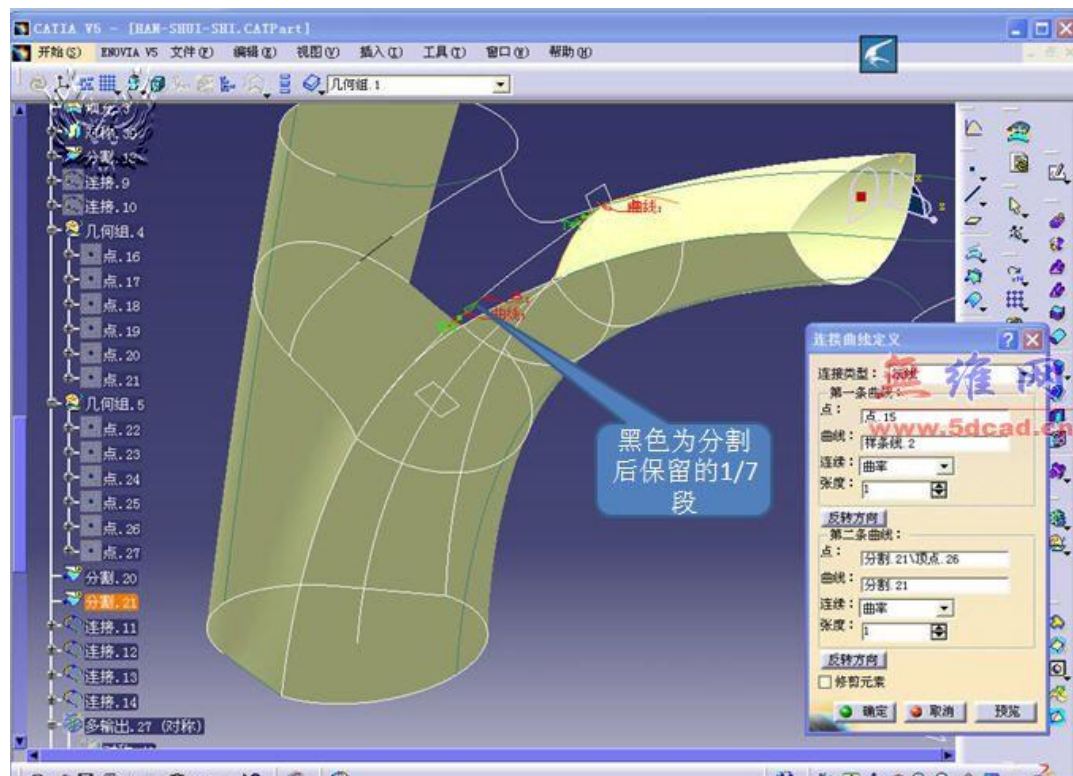
做切线约束桥接 2 条曲线



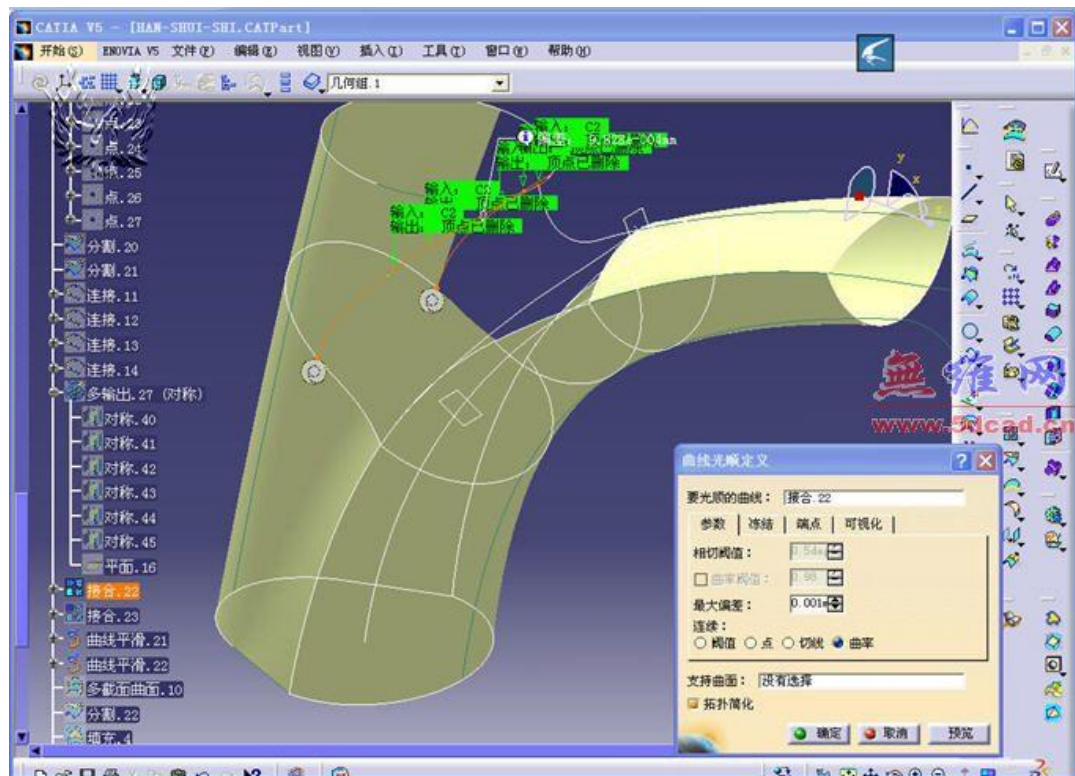
桥接曲线 2 条各自等份



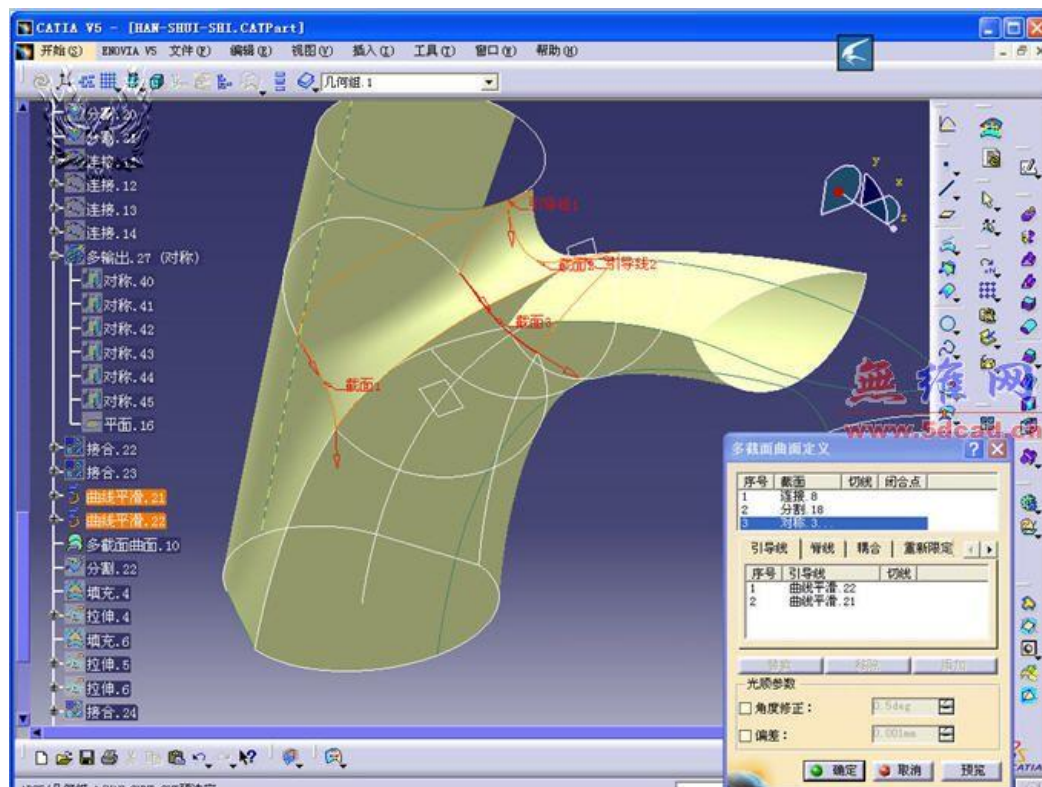
分割曲线,并将剩余的黑色段保留后继续桥接,约束为 G2



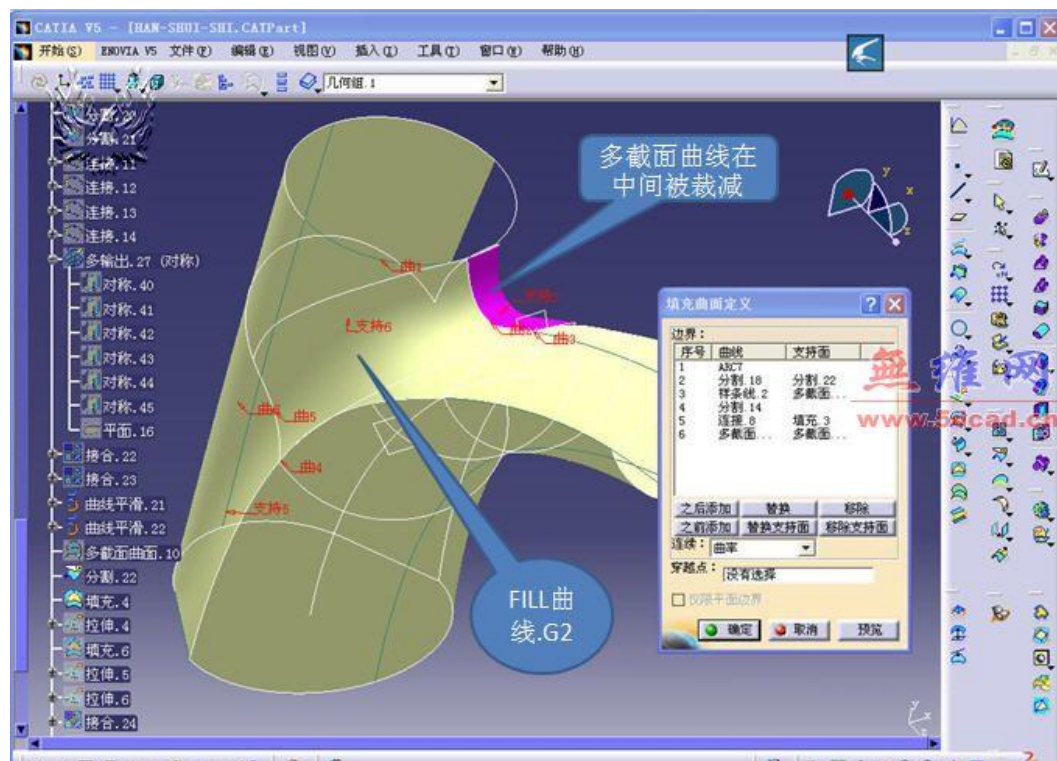
将刚才优化的曲线镜向后合并,并做曲线光顺操作



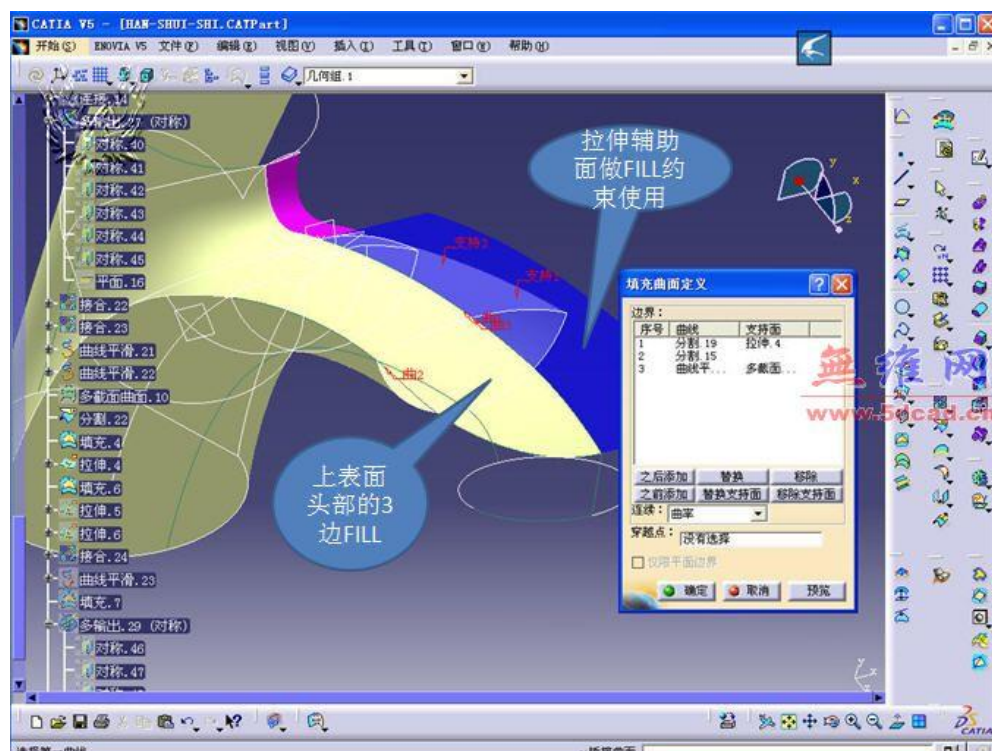
多截面扫描,2 条引导线就是刚才光顺的 2 条曲线

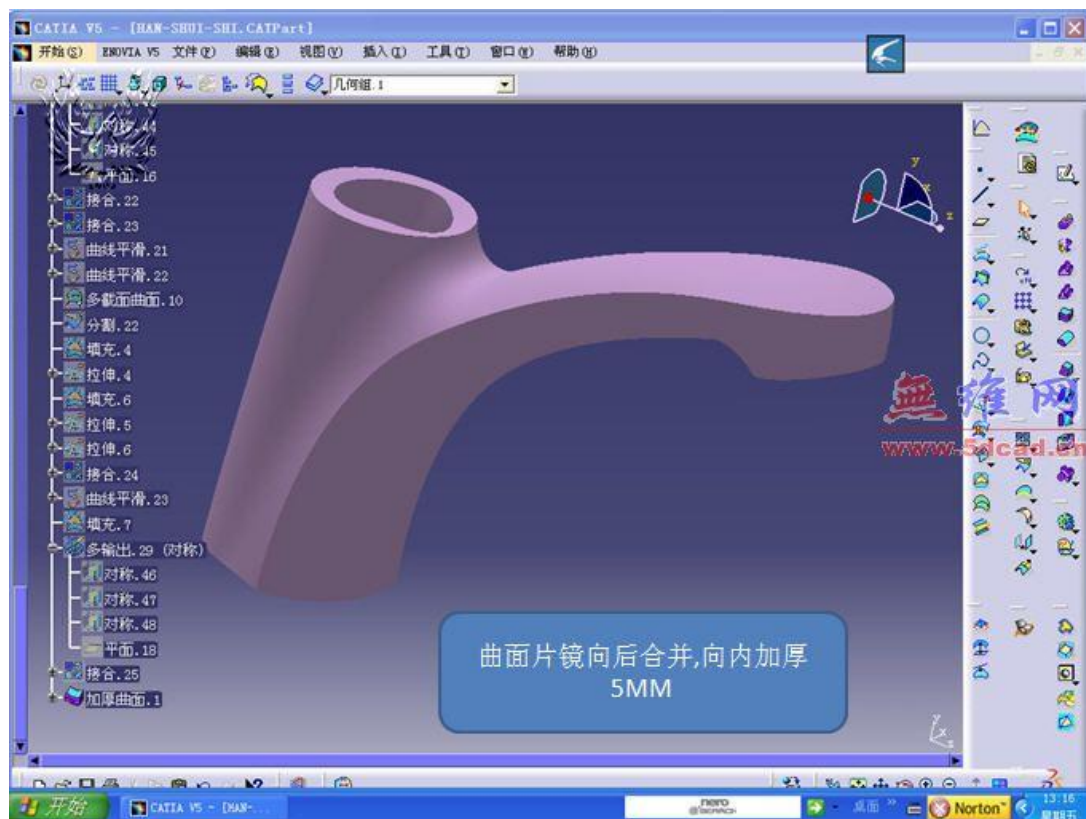


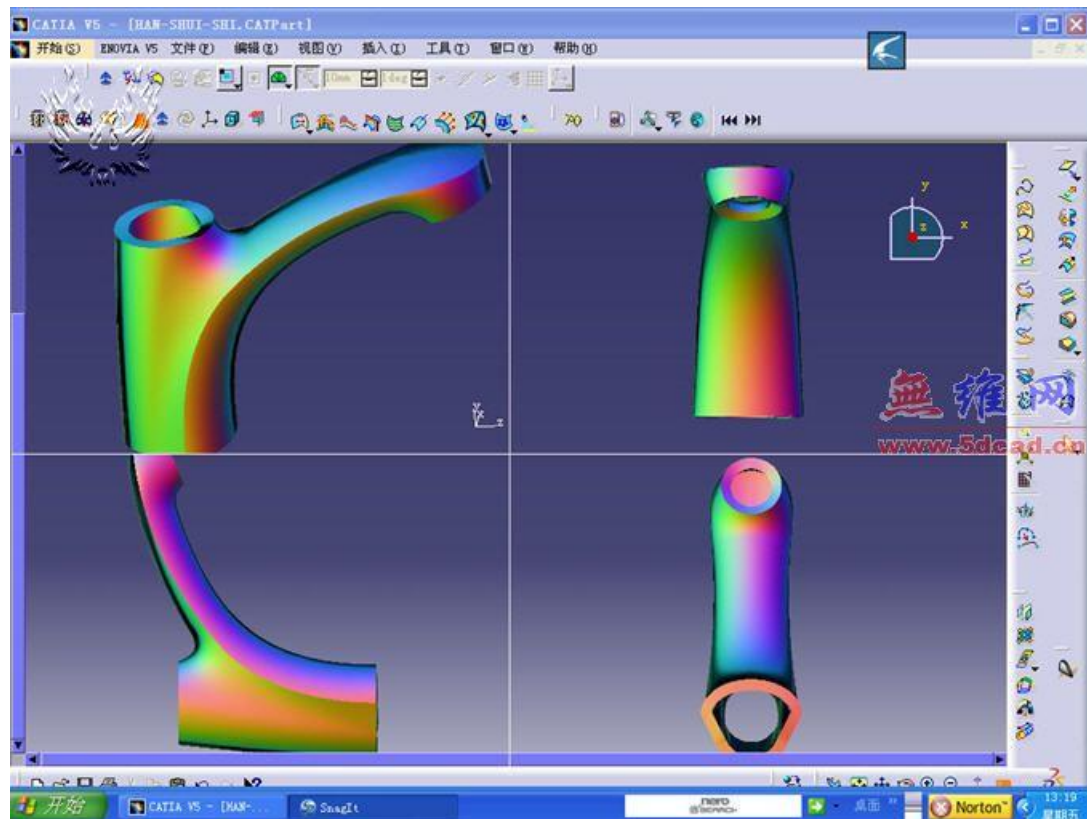
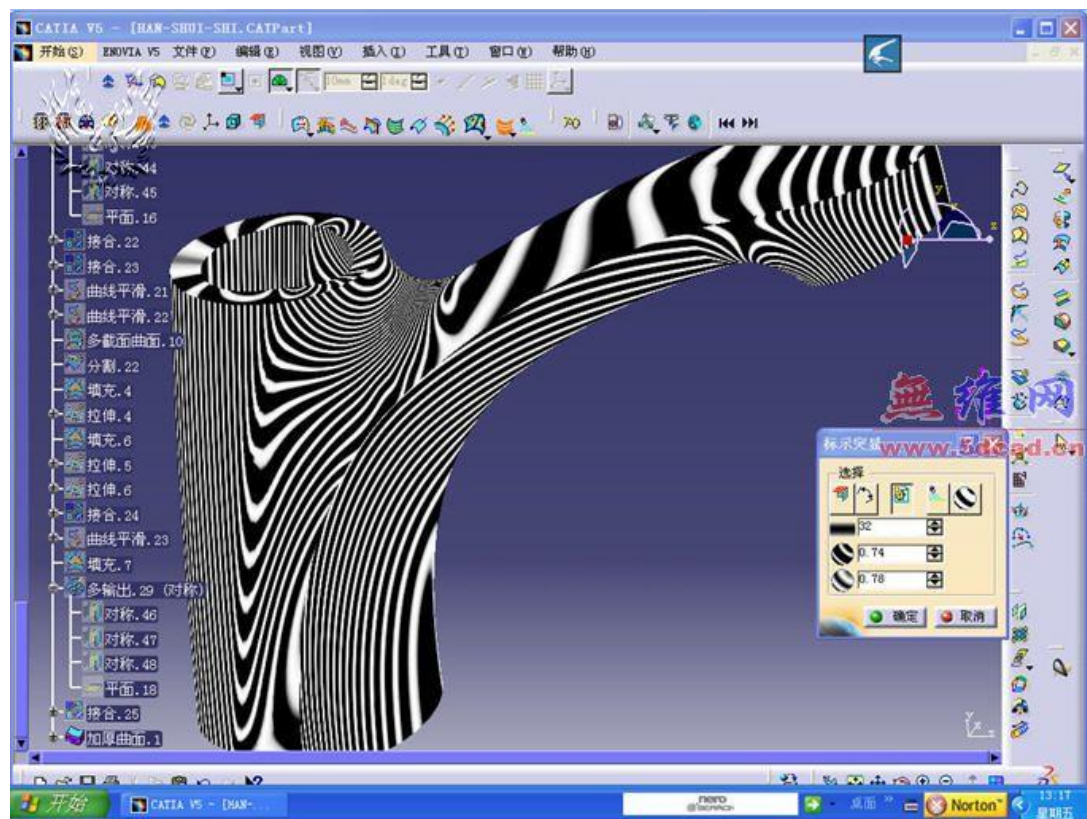
做中间的 6 边 FILL



最后完成头部很简单的 FILL
最后付上 R17 的 PRT







视频请到无维网观看，含模型下载！