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文章名称: 基于Matlab和VB混编拟合风机性能曲线的可视化研究 ----- 王松岭 等

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:: 文章简介 ::

摘要: 采用Matlab和VB混编技术, 编制了风机性能曲线拟合软件, 实现了风机性能曲线拟合的可视化。结合实例给出了G4-73No.8D型离心通风机变转速时的性能曲线, 并对拟合结果进行了误差分析, 拟合误差在1%之内。软件易于操作, 界面友好, 精确度高。关键词: 离心式通风机; 性能曲线; Matlab; VB; ActiveX 中图分类号: TH432; TP39 文献标识码: B 文章编号: 1006-8155 (2007) 06-0059-03
The Visualization Study on Fitting Characteristic Curve of Fan Based on Programming with Matlab and VB Abstract: In this paper, the visualization of fitting characteristic curve of fan is realized through programming the fitting software of fan characteristic curve based on programming with Matlab and VB. It presents the characteristic curves of G4-73No.8D centrifugal fan with different rotational speed and analyzes the fitting error that is below 1%. The software is easy to use and has the function of amity interface and high accuracy. Key words: centrifugal fan; performance curve; Matlab; VB; ActiveX

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