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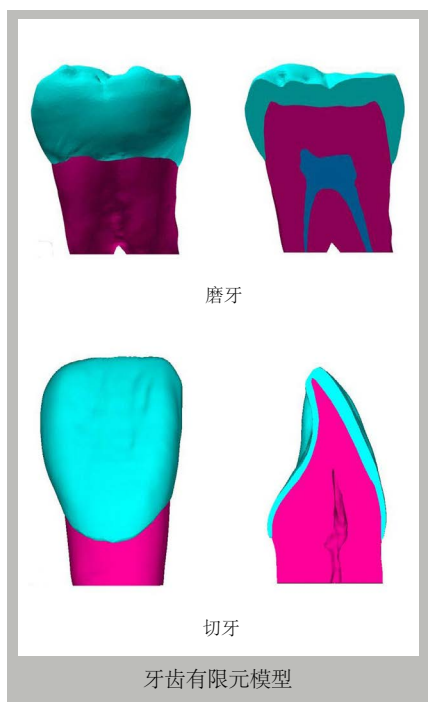
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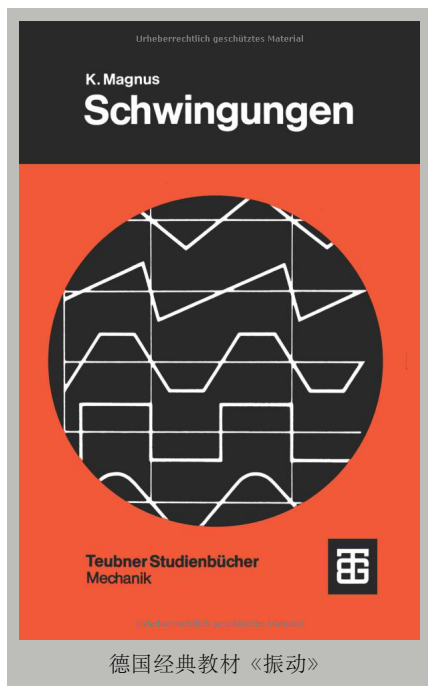
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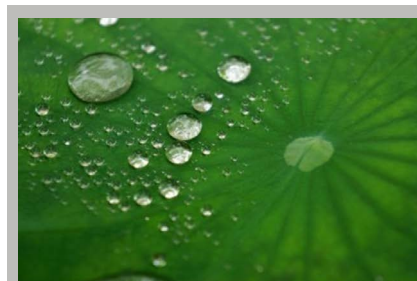
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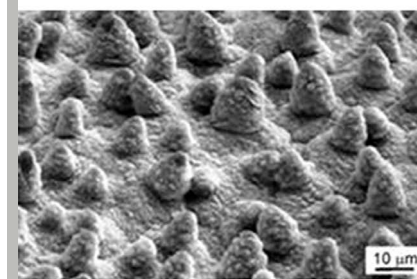
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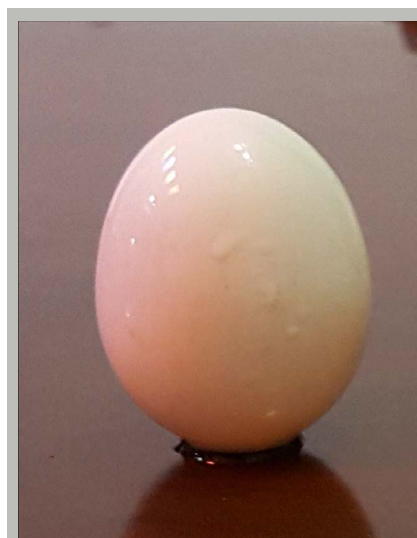


荷叶的超疏水现象



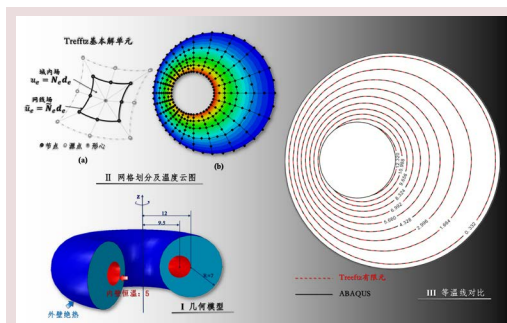
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封面故事 图片为 Trefftz 基本解有限元法分析轴对称热传导问题的应用实例。带孔圆环内壁恒温外壁绝热, 其几何参数如图 I 所示。分析中采用 8 节点 8 源点 Trefftz 基本解环单元 (图 II a) 进行网格划分, ABAQUS 温度云图如图 II b 所示。同时, 图 III 给出了 Trefftz 有限元与 ABAQUS 的等温线对比, 二者结果十分吻合。

(图文供稿: 王克用, 上海工程技术大学机械工程学院)

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