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# DinoStru 结构笔记课程

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DINOSTRU 公开课，第七课

结构程序编程的入门教程

Hello world of Making Program of Structural Design

微信公众号：dinostru

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陈学伟的博客

公开课



微信公众号平台

微信搜 DINOSTRU



### 小广告时间

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Two QR codes are provided for downloading the app.

## 问题 Q&A (Question and Answer)

 **passiver** [2016-09-04 09:37 PM]

陈博士 建议建模的时候节点不要捕捉 能不能设计成CAD那种输入坐标就能得出点

 **Gilbert** [2016-09-02 08:07 PM]

陈博士，可不可以介绍一下那个东欧学者的论文啊？想学习一下这种新方法

Computer aided design of  
reinforced concrete members  
subjected to axial compression  
and biaxial bending

## 问题 Q&A (Question and Answer)

最近五天

全部消息(文字消息保存5天, 其它类型消息只保存3天)  隐藏关键词消息

-  [Redacted Name] 昨天 10:18 已回复    
陈博士, 本周有讲课吗?
-  [Redacted Name] 星期三 07:35 已回复    
dibostru
-  [Redacted Name] 星期二 12:48 已回复    
你好, 大神, 你有考虑过开系统的培训班吗? 我想和你学技术

## 微信公众号下一课的投票结果

投票名称 Dino公开课下一讲  
只用于投票管理后台，不显示在下发的投票内容中

有效时间 2016年09月02日 18:02 至  
2016年09月08日 00:00 已过期

投票权限 所有人都可参与

投票人数 283人

### 1. Dino公开课下一讲讲什么?



复杂结构建模方法

76票 27%



有限元或力学理论重点

63票 22%



小程序的入门编程方法

104票 37%



有趣有料的结构设计分析

40票 14%

## 编程步骤

- (1) 了解整个计算过程
- (2) 编制流程、EXCEL表格
- (3) 编写程序
- (4) DEBUG测试
- (5) 完成及大量应用，在应用中进化



### 编写小程序

- (1) 界面编排
- (2) 输入数据
- (3) 计算过程
- (4) 显示过程、绘制图形
- (5) 输出结果
- (6) 保存文件

## Delphi and Lazarus

<http://www.lazarus-ide.org/>



The image is a dark blue banner for Lazarus. It features the word "Lazarus" in a bold, white font at the top right. Below it, the text "The professional Free Pascal RAD IDE" is written in a white font. To the right of this text, there is a list of features with checkboxes: "Cross platform", "Drag &amp; Drop Form Designer", "Open source (GPL/LGPL)", and "Delphi converter". At the bottom right, there is a yellow button with the text "Download Now". Below the button, it says "Version 1.6.0 for Windows 64 bit | Other" with a dropdown arrow.

<http://www.lazarus-ide.org/>

The image shows the header and navigation bar of the Lazarus website. It features the Lazarus logo (a paw print) and the word "Lazarus" in a white font on a dark blue background. To the right, there is a navigation menu with links: "HOME", "ABOUT", "SCREENSHOTS", "FAQ", "FEATURES", "DOWNLOADS", "FORUM", and "WIKI". Below the navigation bar, there is a section with the Lazarus logo and the text "The professional Free Pascal RAD IDE". To the right of this text, there is a list of features with checkboxes: "Cross platform", "Drag &amp; Drop Form Designer", "Open source (GPL/LGPL)", and "Delphi converter". Below this list, there is a "Download" link and the text "Version 1.5.0 for Windows 64 bit | Other" with a dropdown arrow.

### What is Lazarus?

Lazarus is a Delphi compatible cross-platform IDE for Rapid Application Development. It has variety of components ready for use and a graphical form designer to easily create complex graphical user interfaces.

[Learn more...](#) [Wikipedia](#)

### What can it do?

You can create your own open source or commercial applications. With Lazarus you can create file browsers, image viewers, database applications, graphics editing software, games, 3D software, medical analysis software or any other type of software.

[See Application Gallery](#) [Why use it?](#)

### Where to learn?

Lazarus has a huge community of people supporting each other. It include scientists and students, pupils and teachers, professionals and hobbyists. Our wiki provides tutorials, documentations and ideas. Our forums and mailing-list offer a space to ask questions and talk to users and the developers.

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