

## 每周知识点

### Week 1 Introduction to Database Systems

#### 基本概念:

[https://blog.csdn.net/sinat\\_36645384/article/details/98047288?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-2-98047288.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/98047288?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-2-98047288.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

### Week 2 Relational Data Model and SQL(1)

#### 关系型数据库:

[https://blog.csdn.net/sinat\\_36645384/article/details/98853914?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-8-98853914.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/98853914?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-8-98853914.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## **Week 3 Relational Data Model and SQL(2)**

### **(1) SQL:**

[https://blog.csdn.net/sinat\\_36645384/article/details/100557776?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-6-100557776.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/100557776?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-6-100557776.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

### **(2) SQL查询:**

[https://blog.csdn.net/sinat\\_36645384/article/details/100579667?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-11-100579667.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/100579667?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-11-100579667.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## **Week 4 Entity-Relationship Model**

### **(1) 实体关系模型:**

[https://blog.csdn.net/sinat\\_36645384/article/details/102736750?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-5-102736750.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/102736750?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-5-102736750.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## (2) 逻辑设计:

[https://blog.csdn.net/sinat\\_36645384/article/details/102739399?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-12-102739399.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/102739399?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-12-102739399.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## Week 5 Functional Dependencies

### 函数依赖:

[https://blog.csdn.net/sinat\\_36645384/article/details/102808583?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.](https://blog.csdn.net/sinat_36645384/article/details/102808583?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.)

[https://blog.csdn.net/sinat\\_36645384/article/details/102808583?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-3-102808583.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/102808583?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-3-102808583.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## Week 6 Normalisation

数据库规范化：

[https://blog.csdn.net/sinat\\_36645384/article/details/102864717?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-7-102864717.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/102864717?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-7-102864717.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## Week 7 Relational Algebra

关系代数：

[https://blog.csdn.net/sinat\\_36645384/article/details/102869480?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-](https://blog.csdn.net/sinat_36645384/article/details/102869480?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-)

[blog-2~blog~first rank v2~rank v29-4-102869480.pc v2 rank blog default&utm term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/102869480?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-4-102869480.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## **Week 8 Query Processing and Optimisation**

**查询优化：**

[https://blog.csdn.net/sinat\\_36645384/article/details/102870169?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first rank v2~rank v29-10-102870169.pc v2 rank blog default&utm term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/102870169?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-10-102870169.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## **Week 9 Database Security**

**数据库安全：**

[https://blog.csdn.net/sinat\\_36645384/article/details/102874033?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first rank v2~rank v29-1-102874033.pc v2 rank blog](https://blog.csdn.net/sinat_36645384/article/details/102874033?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-1-102874033.pc_v2_rank_blog)

g\_default&utm\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450

## **Week 10 Database Transactions**

**数据库事务：**

[https://blog.csdn.net/sinat\\_36645384/article/details/102879660?ops\\_request\\_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request\\_id=163568483516780255216943&biz\\_id=0&utm\\_medium=distribute.pc\\_search\\_result.none-task-blog-2~blog~first\\_rank\\_v2~rank\\_v29-9-102879660.pc\\_v2\\_rank\\_blog\\_default&utm\\_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450](https://blog.csdn.net/sinat_36645384/article/details/102879660?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522163568483516780255216943%2522%252C%2522scm%2522%253A%252220140713.130102334.pc%255Fblog.%2522%257D&request_id=163568483516780255216943&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~blog~first_rank_v2~rank_v29-9-102879660.pc_v2_rank_blog_default&utm_term=%E6%95%B0%E6%8D%AE%E5%BA%93&spm=1018.2226.3001.4450)

## **Week 12 Revision 复习**

**考试例题.pdf**