## 参考文献

尽管散列具有显而易见的简单特性，但是对它的很多分析还是相当困难的，而且仍然留有许多未解决的问题。也还存在诸多有趣的理论问题，它们一般试图避免散列的最坏情形的出现。

散列的早期论文是[16]。关于这方面丰富的信息，包括对使用线性探测的散列的分析，可以在[11]中找到。[14]是对该课题极好的综述；[15]包含选择散列函数的一些建议以及一些要注意的陷阱。对于本章描述的所有方法的精确分析和模拟结果可以在[8]中找到。

对双散列的分析见于[9]和[13]。另外一种冲突解决方案是接合散列(coalesced hashing)，[17]对此作了描述。Yao[19]业已证明，关于一次成功查找的开销，均匀散列(uniform hashing)是最优的，在这种散列中不存在聚集。

如果输入关键字事先已知，那么存在完美散列函数，它不产生冲突，见[2]和[7]。某些更复杂的散列方案出现在[3]和[4]中，对于这些方案，最坏的情形并不依赖于特定的输入，而依赖于算法所选择的那些随机数。

可扩散列出自[5]，分析见于[6]和[18]。

练习5.13(a～d)取自[10]。(e)部分取自[12]，而(f)部分取自[1]。


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