<<富生职业。　教育>

图书基本信息

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教育>>

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内容概要

本书中每篇文章都详细讨论了教育业中的某一职位。
书中的许多文章发表于《职业百科全书和职业指导》，并已用最新信息进行了更新和修订，这些信息主要来源于美国苏工署。
其中概览部分是对从业者职责的简要描述。
职业描述部分描述了工作的首要和次要职责。
职业要求部分讲座文化教育和职业培训等必要条件，必要的职业认证，有利于工作的其他个人必备条件。
职业咨询部分提供建议，告诉读者如何获得学历教育之外的工作经验或知识，以及如何在高中时起就开始增进对职业的理解。
就业范围部分给出主要的工作雇佣地点的大致情况。
求职部分讨论了得到第一一份工作的最好方法，可以是通过学院变业办公室，报约广告或个人关系。
职业阶梯部分描绘了从工作中可以期望的职业晋级。
薪酬部分列出薪水范围并描述了附加福利。
工作环境部分描述了典型的工作环境和工作条件等等。
前景展望部分就本职业在宏观经济和行业预测方面作出总结。
　每篇文章的尾部分是职业信息部分，列举了能够提供培训，教育，合作，资助以及工作的团体或组织。

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书籍目录

章节摘录

插图：Reliability growth is the positive improvement in a reliability parameter through changes in design or manufacture process, to track reliability growth, one will need an objective evaluation to gauge the progress of the reliability effort; a demonstrated numerical measure of reliability during the development test program based on the test data. Because product development test are conducted phase-by-phase, the reliability evaluation are conducted on that same phase-by-phase basis, normally the test data from each phrase are small size data set. However traditional statistical point estimation, for examples, moment estimator and maximum likelihood estimator are of long term property, which mean as the sample size approach infinity, the estimator is unbiased, consistent, etc. but in reliability growth, the estimated parameter is a changing variable, it is more desirable to use measurable risks instead of non-measurable long term property to evaluate the estimation quality. Further more, in order to have all options available for difficult program decision to achieved reliability goals, it is also desirable that the reliability estimation should have measurable risks for calculating cost, add or re-allocate program resources, etc. In this case, the other traditional estimation; Bayesian parameter estimation with the posterior distribution seems to be a good choice, but its parameter prior distribution assumption is often under heavy criticism for being subjective in application, in fact, many engineering examples show that misusage of the prior distribution have caused heavy toll.The generic probability description for electronic product failure vs. time is exponential distribution; hence electronic product reliability growth process could be described as non-homogeneous Poisson process NHPP. In this paper, we introduce a new minimum risk point and interval estimation method of NHPP for reliability growth tracking, two sets of reliability growth data from an industrial process control system development are showed as examples.

编辑推荐

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