

品質學報

投稿說明

一、投稿

品質學報歡迎國內外與品質、品質管理、品質技術、品質工程及績效改善有關之論文。稿件請以線上投稿系統上傳檔案

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作者所寄之稿件應未在國內外其他學術期刊刊出，並且未被其他期刊考慮者。若論文被接受，在未獲得總編輯及發行人同意前，不得以任何形式或任何語言文字，在其他處刊出。

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2. **本文：**稿件必須以下列順序撰寫：論文題目、作者、服務機構、論文摘要（約150字）、關鍵詞（3至5個關鍵詞，各關鍵詞間以頓號分開）、主要內容、誌謝、參考文獻。作者可參考最近發行之品質學報，以瞭解論文格式之要求。論文摘要必須包含目的、範圍、主要成果及結論，但請注意摘要中不要引用任何文獻。由於本學報為匿名審查，故在論文接受後才提供作者、服務機構及誌謝內容。

中文（英文）稿件的最後一頁應包含論文英文（中文）題目、作者、服務機構、論文摘要、關鍵詞等，惟英文關鍵詞均為小寫，且以逗點分開。

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4. 模擬分析與結果

若有子標題，子標題的前面應要有阿拉伯數字之序號，並向左對齊，例如：

4.1 模擬分析

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表1. 控制因子及其水準

圖1. 重要度——績效分析圖

6. **數學式**：所有稿件中引用到的公式及方程式都必須以阿拉伯數字編號，編號置於括號內（如：(1), (2), ...）且是向右靠齊。方程式內容以斜體繕打為原則，例如：

$$f(x, y) = 4x + 3xy + 12x^2y \quad (1)$$

7. **參考文獻**：在本文中所引用的文獻必須列在文章的最後。參考文獻必須依作者姓氏的字母、筆畫、時間的前後順序加以順序排列和編號。若同時有中英文文獻時，中文文獻列在英文文獻之前。文獻於文中應以其（作者，年份）引用。例如：

- (1) Guo and Dooley (1992) 及 Shahriari *et al.* (1995) 分別提出求算...。
- (2) 平均連串長度可分為管制內平均連串長度及管制外平均連串長度兩種 (Pan, 1984; Guo and Dooley, 1992)。
- (3) 製程能力分析的相關研究大多是假設量測資料為精確 (吳建瑋、郭南奇，2011；彭文理等人，1999)。

下列為參考文獻格式之範例。請作者注意，期刊名稱請使用全名。

(1) 期刊論文

王俊堯、陳暎仁、簡禎富，2018，探針卡印刷電路板電鍍銅製程關鍵參數搜尋之資料挖礦架構與實證研究，**品質學報**，25(6)，361-379。

吳建瑋、郭南奇，2011，以模糊方法評估不精確資料之製程績效，**品質學報**，18(6)，475-487。

Guo, Y. and Dooley, K., 1992, Identification of change structure in statistical process control, *International Journal of Production Research*, 30(7), 1655-1669.

Saleh, N. A., Mahmoud, M. A., Jones-Farmer, L. A., Zwetsloot, I. and Woodall, W. H., 2015, Another look at the EWMA control chart with estimated parameters, *Journal of Quality Technology*, 47(4), 363-382.

(2) 即將出版期刊論文

劉錦鳳、吳信宏，2018，工業4.0對供應商管理策略因子之影響：以台灣半導體為例，**品質學報** (出版中)。

Giri, B. C. and Dohi, T., 2006, Inspection scheduling for imperfect production processes under free repair warranty contract, *European Journal of Operational Research* (in press). doi:10.1016/j.ejor.2006.09.062

(3) 網頁文章

交通部觀光局，(accessed March, 2018)，2017，2016年歷年來臺旅客統計，
<<https://admin.taiwan.net.tw/FileDownload/FileUpload/3915bdb1-7bce-426e-b4e0-1fde24a17c6c.ods>>。

Tomasi, C., (accessed May, 2018), 2004, Estimating Gaussian mixture densities with EM-A tutorial. <<http://www.cs.duke.edu/courses/spring04/cps196.1/handouts/EM/tomasiEM.pdf>>.

(4) 會議論文集

潘浙楠、林明毅，1998，在製程平均微量變動下管制圖正確選用之探討與研究，**中華民國品質學會第三十四屆年會暨第四屆全國品質管理研討會論文集**，桃園，343-358。

Shahriari, H., Hubele, N. F. and Lawrence, F. P., 1995, A multivariate process capability vector, in *Proceedings of the 4th Industrial Engineering Research Conference*, Nashville, TN, 304-309.

(5) 未出版的論文或壁報發表

張聿仁、江琳盈、白玉珠，2011，耳穴按壓改善護理人員睡眠品質之效益分析，壁報發表於第二十七次護理研究論文發表會暨兩岸護理學術交流，台北。

Nguyen, C. A., 2012, *Humor and deception in advertising: When laughter may not be the best medicine*, paper presented at the meeting of the American Psychological Association, Orlando, FL.

(6) 書籍

鄭春生，2012，**品質管理——現代化觀念與實務應用**，全華圖書，臺北。

Myers, R. H., Wong, K. L. and Gordy, H. M., 1964, *Reliability Engineering for Electronic Systems*, John Wiley, New York, NY.

(7) 書籍中之一章

鄭伯壘、楊國樞、莊仲仁，2019，工作取向領導行為與部屬工作績效補足模式及其驗證，**楊國樞文集：成就動機／企業員工與心理**，瞿海源主編，華藝數位，新北，451-521。

Hubele, N. F., Shahriari, H. and Cheng, C. S., 1991, A bivariate process capability vector, in *Statistical Process Control in Manufacturing*, edited by Keats, J. B. and Montgomery, D. C., Marcel Dekker, New York, NY, 299-310.

(8) 報告

蔡憲唐，1992，田口方法中確認實驗失敗後的策略 (NSC 81-0301-H110-003)，行政院國家科學委員會專題研究計畫成果報告，國立中山大學企業管理學系，高雄。

Taguchi, G., 1986, *Introduction to quality engineering: designing quality into products and processes*, Technical Report (No. 658.562 T3), Asian Productivity Organization, Tokyo, Japan.

(9) 學位論文

鄭靜彥，1996，以類神經網路辨識製程個別值數據之平均值、變異數及相關性的變化，碩士論文，元智大學，桃園。

Pan, J. N., 1984, *Reliability Prediction of the Series System with Spares Subject to Weibull Failure*, Ph.D. Dissertation, Texas Tech University, Lubbock, TX.

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2. **Text:** Manuscript should be typed in the following order: Title, Authors, Affiliations, Abstract (about 150 words), Keywords (three to five), Main Text, Acknowledgment and References, but not the names of the authors. Authors should consult a recent issue for desired style. The abstract should summarize the purpose, scope, principal results and conclusions, and should not contain literature citations. **Since the journal is refereed double blinded, acknowledgment should be given in the final accepted version of the paper.**
3. The manuscript should be prepared by MS WORD, and mathematical equations should be edited by either Equation Editor or Math Type. In addition, table editing should be prepared directly under MS WORD environment. Figures should be provided in a form compatible with WORD for photographic reproduction and reduction. Lettering should be uniform of size corresponding to the anticipated reduction. Handwritten lettering on figures is not acceptable.
4. **Headings:** Section headings should be centered above the text, all capital letters, preceded by a roman numeral and a period. For example:

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Sub-headings should be numbered and started from the left-hand margin. For example:

4.1 Simulation analysis

- 5. Tables and Figures:** Tables (or Figures) should be numbered sequentially with Arabic numerals and given a suitable caption. Caption should be placed on the top of Tables (or at the bottom of Figures):

Table 1. Factors and their levels selected for optimization

Figure 1. The concept of run length

- 6. Mathematical Expressions:** All mathematical expressions which are for later reference must be numbered consecutively throughout the paper with the number in parentheses (e.g., (1), (2), ...), flushing to right. Equations must be italicized:

$$f(x, y) = 4x + 3xy + 12x^2y \quad (1)$$

- 7. References:** All publications cited in the text should be presented in a list of references. References should be listed and numbered alphabetically by the last name of the first author. In the text, references should be cited using the author-date system (author, date). References should be prepared in the following form. Note that journal titles are not abbreviated.

(1) Journal article

Guo, Y. and Dooley, K., 1992, Identification of change structure in statistical process control, *International Journal of Production Research*, 30(7), 1655-1669.

Saleh, N. A., Mahmoud, M. A., Jones-Farmer, L. A., Zwetsloot, I. and Woodall, W. H., 2015, Another look at the EWMA control chart with estimated parameters, *Journal of Quality Technology*, 47(4), 363-382.

(2) In press article

Giri, B. C. and Dohi, T., 2006, Inspection scheduling for imperfect production processes under free repair warranty contract, *European Journal of Operational Research* (in press). doi:10.1016/j.ejor.2006.09.062

(3) Web article

Tomasi, C., (accessed May, 2018), 2004, Estimating Gaussian mixture densities with EM-A tutorial. <<http://www.cs.duke.edu/courses/spring04/cps196.1/handouts/EM/tomasiEM.pdf>>.

(4) Proceedings

Shahriari, H., Hubele, N. F. and Lawrence, F. P., 1995, A multivariate process capability vector, in *Proceedings of the 4th Industrial Engineering Research Conference*, Nashville, TN, 304-309.

(5) Unpublished paper presentation or poster session

Nguyen, C. A., 2012, August, *Humor and deception in advertising: When laughter may not be the best medicine*, paper presented at the meeting of the American Psychological Association, Orlando, FL.

(6) Book

Myers, R. H., Wong, K. L. and Gordy, H. M., 1964, *Reliability Engineering for Electronic Systems*, John Wiley, New York, NY.

(7) Chapter in book

Hubele, N. F., Shahriari, H. and Cheng, C. S., 1991, A bivariate process capability vector, in *Statistical Process Control in Manufacturing*, edited by Keats, J. B. and Montgomery, D. C., Marcel Dekker, New York, NY, 299-310.

(8) Report

Taguchi, G., 1986, *Introduction to quality engineering: designing quality into products and processes*, Technical Report (No. 658.562 T3), Asian Productivity Organization, Tokyo, Japan.

(9) Thesis

Pan, J. N., 1984, *Reliability Prediction of the Series System with Spares Subject to Weibull Failure*, Ph.D. Dissertation, Texas Tech University, Lubbock, TX.

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