عنوان فارسی مقاله:
توصیف ویژگی‌های کیفی برای محاسبه قابلیت نرم افزاری

عنوان انگلیسی مقاله:
Quantification of the quality characteristics for the calculation of software reliability
6. CONCLUSION AND OUTLOOK

This paper presented a method to calculate the reliability of industrial automation systems. Since the software reliability is the crucial aspect that can influence the entire system reliability, it deserves special attention. For this reason, this paper discussed the influencing factors of the software reliability as well, for example the software development process was analysed to identify the most important influencing factors. The mentioned factors have been considered to create a neuro-fuzzy-based concept, which characterizes and consolidates them to realize an estimation of the software quality. In summary, the main messages are:

- Possibility to estimate the software quality, especially dynamically already during the software development process, which will entail a huge benefit to programmers and manufacturers.